

TECHNICAL DATA SHEET



PRODUCT INFORMATION

DuPont™ Tychem® 6000 F Grey. Hooded coverall. Stitched and over-taped seams. Thumb loops. Elastication at wrists, ankles, face and waist. Self-adhesive double zipper flap and chin flap. Grey.

ATTRIBUTES

Full Part Number	TFCHA5TGY00
Fabric/Materials	Tychem® 6000
Design	Hooded coverall with elastics and thumb loops
Seam	Stitched and over-taped
Color	Grey
Other Colors	Orange
Sizes	SM, MD, LG, XL, 2X, 3X
Quantity/Box	25 per box, individually packed.

FEATURES

- Certified according to Regulation (EU) 2016/425
- Chemical protective clothing, Category III, Type 3-B, 4-B, 5-B and 6-B
- EN 14126 (barrier to infective agents), EN 1073-2 (protection against radioactive contamination)
- Antistatic treatment (EN 1149-5) - on inside
- Stitched and over-taped seams with barrier tape for protection and strength
- Self-adhesive double zipper flap closure system for higher protection

SIZETABLE

PRODUCT SIZE	ARTICLE NUMBER	ADDITIONAL INFO
SM	D13495186	
MD	D13495156	
LG	D13395221	
XL	D13395545	
2X	D13395268	
3X	D13495118	

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Abrasion Resistance ⁷	EN 530 Method 2	>2000 cycles	6/6 ¹
Basis Weight	DIN EN ISO 536	120 g/m ²	N/A
Bursting Strength (Mullenburst)	ISO 2758	650 kPa	N/A
Colour	N/A	Grey	N/A
Exposure to high Temperature	N/A	Garments seams opens at ~98 °C	N/A
Flex Cracking Resistance ⁷	EN ISO 7854 Method B	>1000 cycles	1/6 ¹
Flex Cracking Resistance at -30°C	EN ISO 7854 Method B	>1000 cycles	N/A
Puncture Resistance	EN 863	>10 N	2/6 ¹
Resistance to Ignition ⁷	EN 13274-4 Method 3	No after flame, no drop formation, hole formation	N/A

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PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to water penetration	DIN EN 20811	>30 kPa	N/A
Surface Resistance at RH 25%, inside ⁷	EN 1149-1	< 2,5 · 10 ⁹ Ohm	N/A
Surface Resistance at RH 25%, outside ⁷	EN 1149-1	No antistatic treatment	N/A
Tensile Strength (MD)	DIN EN ISO 13934-1	>100 N	3/6 ¹
Tensile Strength (XD)	DIN EN ISO 13934-1	>100 N	3/6 ¹
Thickness	DIN EN ISO 534	220 µm	N/A
Trapezoidal Tear Resistance (MD)	EN ISO 9073-4	>20 N	2/6 ¹
Trapezoidal Tear Resistance (XD)	EN ISO 9073-4	>20 N	2/6 ¹

1 According to EN 14325 | 2 According to EN 14126 | 3 According to EN 1073-2 | 4 According to EN 14116 | 12 According to EN 11612 | 5 Front Tyvek® / Back |
6 Based on test according to ASTM D-572 | 7 See Instructions for Use for further information, limitations and warnings | > Larger than | < Smaller than |
N/A Not Applicable | STD DEV Standard Deviation |

GARMENT PERFORMANCE

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Nominal protection factor ⁷	EN 1073-2	>5	1/3 ³
Seam Strength	EN ISO 13935-2	>125 N	4/6 ¹
Shelf Life ⁷	N/A	10 years ⁶	N/A
Type 3: Resistance to Penetration by Liquids (Jet Test)	EN 17491-3	Pass	N/A
Type 4: Resistance to Penetration by Liquids (High Level Spray Test)	EN ISO 17491-4, Method B	Pass	N/A
Type 5: Inward Leakage of Airborne Solid Particulates	EN ISO 13982-2	Pass	N/A
Type 6: Resistance to Penetration by Liquids (Low Level Spray Test)	EN ISO 17491-4, Method A	Pass	N/A

1 According to EN 14325 | 3 According to EN 1073-2 | 12 According to EN 11612 | 13 According to EN 11611 | 5 Front Tyvek® / Back |
6 Based on test according to ASTM D-572 | 7 See Instructions for Use for further information, limitations and warnings |
11 Based on the average of 10 suits, 3 activities, 3 probes | > Larger than | < Smaller than | N/A Not Applicable | * Based on lowest single value |

COMFORT

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Air Permeability (Gurley method)	ISO 5636-5	No	N/A

2 According to EN 14126 | 5 Front Tyvek® / Back | > Larger than | < Smaller than | N/A Not Applicable |

PENETRATION AND REPELLENCY

PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Repellency to Liquids, o-Xylene	EN ISO 6530	>95 %	3/3 ¹
Repellency to Liquids, Butan-1-ol	EN ISO 6530	>95 %	3/3 ¹
Repellency to Liquids, Sodium Hydroxide (10%)	EN ISO 6530	>95 %	3/3 ¹
Repellency to Liquids, Sulphuric Acid (30%)	EN ISO 6530	>95 %	3/3 ¹
Resistance to Penetration by Liquids, Butan-1-ol	EN ISO 6530	<1 %	3/3 ¹
Resistance to Penetration by Liquids, Sodium Hydroxide (10%)	EN ISO 6530	<1 %	3/3 ¹
Resistance to Penetration by Liquids, Sulphuric Acid (30%)	EN ISO 6530	<1 %	3/3 ¹
Resistance to Penetration by Liquids, o-Xylene	EN ISO 6530	<1 %	3/3 ¹

1 According to EN 14325 | > Larger than | < Smaller than |

BIOLOGICAL BARRIER

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PROPERTY	TEST METHOD	TYPICAL RESULT	EN
Resistance to Penetration by Biologically Contaminated Aerosols	ISO/DIS 22611	log ratio >5	3/3 ²
Resistance to Penetration by Blood and Body Fluids using Synthetic Blood	ISO 16603	20 kPa	6/6 ²
Resistance to Penetration by Blood-borne Pathogens using Bacteriophage Phi-X174	ISO 16604 Procedure C	20 kPa	6/6 ²
Resistance to Penetration by Contaminated Liquids	EN ISO 22610	>75 min	6/6 ²
Resistance to Penetration by Contaminated Solid Particles	ISO 22612	log cfu <1	3/3 ²

1 According to EN 14325 | > Larger than | < Smaller than |

PERMEATION DATA DUPONT™ TYCHEM® 6000 F

HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
2-(2-Butoxyethoxy) ethanol	Liquid	112-34-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
2-Methyl-2-Butanol	Liquid	75-85-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
2-Methyl-4-isothiazolin-3-one (20%)	Liquid	2682-20-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Acetaldehyde	Liquid	75-07-0	imm	imm	13*/23	1	2	0.06			
Acetic acid (>95%)	Liquid	64-19-7	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Acetic acid 2 ethoxy ethyl ester	Liquid	111-15-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Acetic acid 2 methoxy ethyl ester	Liquid	110-49-6	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Acetic acid ethenyl ester	Liquid	108-05-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetic acid ethyl ester	Liquid	141-78-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetic acid pentyl ester	Liquid	628-63-7	>480	>480	>480	6	0.007	0.001	<10.2	>480	6
Acetic anhydride	Liquid	108-24-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Acetic chloride	Liquid	75-36-5	155	>480	>480	6	0.0014	0.0001			
Acetone	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Acetone cyanohydrin	Liquid	75-86-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Acetonitrile	Liquid	75-05-8	65*/83	131	>480	6	<0.4	0.03	<82	>480	6
Acetyl chloride	Liquid	75-36-5	155	>480	>480	6	0.0014	0.0001			
Acroleic acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Acrolein	Liquid	107-02-8	51*/65	75*/101	>480	6	<0.5	0.02	105	>480	6
Acrolein (10 g/m ²)	Liquid	107-02-8	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Acrylamide (50%)	Liquid	79-06-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Acrylic acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Acrylic acid ethyl ester	Liquid	140-88-5	imm*/161	imm*/162	imm*/163		<5	0.04			
Acrylic acid n-butyl ester	Liquid	141-32-2	>480	>480	>480	6	<0.05	0.05	>480	>480	6
Acrylicamide (50%)	Liquid	79-06-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Acrylonitrile	Liquid	107-13-1	72*/91	73*/92	103	3	8.9	0.0085			
Acryloyl Chloride	Liquid	814-68-6	166*/224	334	>480	6	<0.3	0.04	29.6	>480	6
Adipic acid dinitrile	Liquid	111-69-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Adipic acid nitrile	Liquid	111-69-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Adiponitrile	Liquid	111-69-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Allyl alcohol	Liquid	107-18-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Allyl chloride	Liquid	107-05-1	291*/400	381*/447	>480	6	<0.2	0.02	<18.5	>480	6
Amido sulfonic acid (15%)	Liquid	5329-14-6	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Amino benzene	Liquid	62-53-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Amino diphenyl, 4- (1 mg /ml in Methanol)	Liquid	92-67-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Amino ethanol, 2-	Liquid	141-43-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Amino ethylethanolamine	Liquid	111-41-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amino ethylethanolamine (60%)	Liquid	111-41-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amino ethylpiperazine	Liquid	140-31-8	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amino propane, 2-	Liquid	75-31-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ammonia (-33 °C, liquid)	Liquid	7664-41-7	15	20	>480	6	<0.89	0.04	109	>480	6
Ammonia (gaseous)	Vapor	7664-41-7	20	20	21	1	1.5	0.0024			
Ammonium bifluoride (sat)	Liquid	1341-49-7	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ammonium fluoride (40%)	Liquid	12125-01-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ammonium hydrogendifluoride (sat)	Liquid	1341-49-7	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ammonium hydroxide (32%)	Liquid	1336-21-6	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Amyl acetate, n-	Liquid	628-63-7	>480	>480	>480	6	0.007	0.001	<10.2	>480	6
Amyl alcohol	Liquid	71-41-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Amyl alcohol, tert-	Liquid	75-85-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Amyl ester acetic acid	Liquid	628-63-7	>480	>480	>480	6	0.007	0.001	<10.2	>480	6
Anilin, 4-Trifluoromethoxy-	Liquid	461-82-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Aniline	Liquid	62-53-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Anthracene (sat in Toluene)	Liquid	120-12-7	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Anthracin (sat in Toluene)	Liquid	120-12-7	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Antimony pentachloride	Liquid	7647-18-9	<15	<15	<15	1	>10	0.1			
Arsenic (III) chloride	Liquid	7784-34-1	22*/29	32*/38	59	2	334	0.01			
Arsenic trichloride	Liquid	7784-34-1	22*/29	32*/38	59	2	334	0.01			
Azolidine	Liquid	123-75-1	40*/80	45*/100	145*/185	4	4.7	0.05			
Benzaldehyde	Liquid	100-52-7	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Benzenamine	Liquid	62-53-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Benzene	Liquid	71-43-2	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Benzene carbonyl chloride	Liquid	98-88-4	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Benzene sulfone chloride	Liquid	98-09-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Benzene sulfonyl chloride	Liquid	98-09-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Benzisothiazol 1,2- (20%)	Liquid	2634-33-5	>480	>480	>480	6	<0.061	0.061	<30	>480	6
Benzo nitrile	Liquid	100-47-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Benzoyl chloride	Liquid	98-88-4	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Benzyl alcohol	Liquid	100-51-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Benzyl chloride	Liquid	100-44-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Benzyl cyanide	Liquid	140-29-4	>390	>390	>390	5	<0.01	0.01	<4.8	>480	6
Benzyl methylamine, N-	Liquid	103-67-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Bis (4-(2,3-epoxypropoxy) phenyl)propane	Liquid	1675-54-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Bis phenol A diglycidyl ether	Liquid	1675-54-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Black Liquor (mix)	Liquid	mix		>480							
Boron fluoride ethyl ether	Liquid	109-63-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Boron trifluoride diethyl etherate	Liquid	109-63-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Boron trifluoride dimethyl etherate	Liquid	353-42-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Boron trifluoride etherate	Liquid	109-63-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Brom thiophene, 2-	Liquid	1003-09-4	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Bromine	Liquid	7726-95-6	imm	imm	imm		105	0.001			
Bromo 4-fluorobenzene, 1-	Liquid	460-00-4	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Bromo fluorobenzene, 4-	Liquid	460-00-4	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
But-3-en-2-one	Liquid	78-94-4	287*/379	>480	>480	6	<0.1	0.02	<9.6	>480	6
Butadiene, 1,3- (gaseous)	Vapor	106-99-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Butanal, n-	Liquid	123-72-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butanol, 1-	Liquid	71-36-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butanol, n-	Liquid	71-36-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butanol, tert-	Liquid	75-65-0	10*/147	37*/205	>480	6	0.26	0.02			
Butanone	Liquid	78-93-3	imm	40*/64	>480	6	0.36	0.001			
Butanone oxime, 2-	Liquid	96-29-7	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Butenal, 2-	Liquid	123-73-9	121	147	>480	6	<1	0.02	210	405	5
Butoxy ethanol, 2-	Liquid	111-76-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butyl acetate, n-	Liquid	123-86-4	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Butyl acrylate, n-	Liquid	141-32-2	>480	>480	>480	6	<0.05	0.05	>480	>480	6
Butyl alcohol, n-	Liquid	71-36-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butyl amine	Liquid	109-73-9	170	200	>480	6	0.84	0.01	137.5	>480	6
Butyl ether, n-	Liquid	142-96-1	223*/285	223*/285	224*/287	4	14.6	0.021			
Butyl stannium trichloride	Liquid	1118-46-3	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Butylchloroformate	Liquid	592-34-7	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Butyraldehyde, n-	Liquid	123-72-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Butyric Acid	Liquid	107-92-6	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Calomel (sat)	Liquid	10112-91-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Carbon disulfide	Liquid	75-15-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Carbon tetrachloride	Liquid	56-23-5	imm	imm*/11	>480	6	0.57	0.001			
Carbon tetrachloride (1000 ppm)	Vapor	56-23-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Caustic ammonia (32%)	Liquid	1336-21-6	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Caustic soda (50% at 50 ° C)	Liquid	1310-73-2	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Caustic soda (50%)	Liquid	1310-73-2	>480	>480	>480	6	<0.025	0.025	<12	>480	6
Cellosolve acetate	Liquid	110-80-5	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Chemguard S-764P14A	Liquid	mix	>480	>480	>480	6	<0.01	0.01	<5	>480	6
Chlor allylene	Liquid	107-05-1	291*/400	381*/447	>480	6	<0.2	0.02	<18.5	>480	6
Chlor trinitromethan	Liquid	76-06-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Chlorine (gaseous)	Vapor	7782-50-5	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Chloro 1,3-butadiene, 2- (50% in Butanol)	Liquid	126-99-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Chloro 1-methylbenzene, 2-	Liquid	95-49-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Chloro 2,3-epoxy propane, 1-	Liquid	106-89-8	355	395	>480	6	<0.4	0.02	18.4	>480	6

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Chloro 2-nitrobenzene, 1-(35-40 °C, molten)	Liquid	88-73-3	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Chloro acetic acid (80%)	Liquid	79-11-8	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Chloro acetone (95%)	Liquid	78-95-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Chloro acrylonitrile, 2-	Liquid	920-37-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Chloro aniline, p- (70 °C, molten)	Liquid	106-47-8		imm	11	1	256	0.0206			
Chloro benzenamine, 4-(70 °C, molten)	Liquid	106-47-8		imm	11	1	256	0.0206			
Chloro benzene	Liquid	108-90-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Chloro ethanol, 2-	Liquid	107-07-3	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Chloro ethene	Vapor	75-01-4	imm	>480	>480	6	0.02	0.001	<9.6	>480	6
Chloro form	Liquid	67-66-3	imm	imm	imm		10.6	0.001			
Chloro form (1000 ppm)	Vapor	67-66-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Chloro methyl methyl ether	Liquid	107-30-2	imm*/11	imm*/37	>480	6	0.75	0.001			
Chloro picrin	Liquid	76-06-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Chloro prene, 3-	Liquid	107-05-1	291*/400	381*/447	>480	6	<0.2	0.02	<18.5	>480	6
Chloro propan-2-one, 1-(95%)	Liquid	78-95-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Chloro toluene, alpha-	Liquid	100-44-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Chloro toluene, o-	Liquid	95-49-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Chloroacetic ethylester	Liquid	105-39-5	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Chloroacetic ethylester (75% in Ethanol)	Liquid	105-39-5	>480								
Chlorsulfonic acid	Liquid	7790-94-5	423	>480	>480	6	0.0003	0.0001			
Chromic acid (CrO3) (44.9%)	Liquid	1333-82-0	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Citric acid (sat)	Liquid	77-92-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Creosote	Liquid	8001-58-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Cresol o-	Liquid	95-48-7	173	179	211	4	<4	0.02	674	295	5
Cresols, mixed isomers	Liquid	1319-77-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Cresylic acid	Liquid	1319-77-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Croton aldehyde	Liquid	123-73-9	121	147	>480	6	<1	0.02	210	405	5
Cumene	Liquid	98-82-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Cyanamide (50%)	Liquid	420-04-2	62*/208	nm	>480	6	na	0.17	<81.6	>480	6
Cyanobenzene	Liquid	100-47-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Cyanoethylene	Liquid	107-13-1	72*/91	73*/92	103	3	8.9	0.0085			
Cyanomethane	Liquid	75-05-8	65*/83	131	>480	6	<0.4	0.03	<82	>480	6
Cyanopropan-2-ol, 2-	Liquid	75-86-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Cyclo hexane	Liquid	110-82-7	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Cyclo hexanone	Liquid	108-94-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dahlgren Decon solution	Liquid	mix	>480	>480	>480	6	<0.025	0.025	<12	>480	6
Diamino sulfo chloride	Liquid	13360-57-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Diaminoethane, 1,2-	Liquid	107-15-3	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Dibromoethane, 1,2-	Liquid	106-93-4	84*/153	144*/288	>480	6	0.52	0.001			
Dibutyl 1,2-benzenedicarboxylate	Liquid	84-74-2		nm	>480	6		0.05			
Dibutyl phthalate	Liquid	84-74-2		nm	>480	6		0.05			
Dibutyl sebacate	Liquid	109-43-3		nm	>480	6	<1	1			
Dichlorbenzen, 1,2-	Liquid	95-50-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6

TECHNICAL DATA SHEET

HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Dichlorbenzen, 1,3-	Liquid	541-73-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Dichlorbenzen, 1,4- (50% in Ethanol)	Liquid	106-46-7	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Dichlorethane, 1,2-	Liquid	107-06-2	65*/83	93	109	3	<3	0.04	898	182	4
Dichloro -2-propanone, 1,3- (45 °C, molten)	Liquid	534-07-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dichloro acetone, 1,3- (45 °C, molten)	Liquid	534-07-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dichloro acetyl chloride	Liquid	79-36-7	160	160	180	4	78.41	0.01			
Dichloro ethyl ether	Liquid	111-44-4	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dichloro ethylene, 1,1-	Liquid	75-35-4	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dichloro methane	Liquid	75-09-2	imm	imm	imm		23.7	0.03			
Dichloro methane (10.000 ppm)	Vapor	75-09-2	imm	52	>480	6	<0.21	0.05	100	>480	6
Dichloro methane (1000 ppm)	Vapor	75-09-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dichloro propene, 2,3-	Liquid	78-88-6	imm	imm*/25	54*/143	2	2.4	0.001			
Dicyanobutane, 1,4-	Liquid	111-69-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Diesel Fuel Grade D-2	Liquid	mix	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Diesel fuel	Liquid	68334-30-5	8*/323	>480	>480	6	0.02	0.001			
Diethyl amine	Liquid	109-89-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Diethyl benzene (95%)	Liquid	25340-17-4	>480	>480	>480	6	<0.0216	0.0216	<10.4	>480	6
Diethyl ethanamine, N,N-	Liquid	121-44-8	>480	>480	>480	6	0.05	0.05	<24	>480	6
Diethyl ether	Liquid	60-29-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Diethyl sulfate	Liquid	64-67-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Diethylene glycol monobutyl ether	Liquid	112-34-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Diethylene triamine	Liquid	111-40-0	imm	>480	>480	6	<0.01	0.005	<4.8	>480	6
Diketene Acetone (95%)	Liquid	5394-63-8	>480	>480	>480	6	<0.0229	0.0229	<11	>480	6
Dimethyl acetamide, N,N-	Liquid	127-19-5	>480	>480	>480	6	<0.014	0.014	<6.7	>480	6
Dimethyl amine	Vapor	124-40-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dimethyl aniline, N,N-	Liquid	121-69-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dimethyl dichlorosilane	Liquid	75-78-5	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Dimethyl formamide, N,N-	Liquid	68-12-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dimethyl fumarate (27 °C, solid)	Solid	624-49-7	>480	nm	>480	6	<0.39	0.39			
Dimethyl fumarate (37 °C, solid)	Solid	624-49-7	>480	nm	>480	6	<0.39	0.39			
Dimethyl ketal	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dimethyl ketone	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dimethyl nitrosamine	Liquid	62-75-9	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Dimethyl phenylamine, N, N-	Liquid	121-69-7	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Dimethyl propandioate	Liquid	108-59-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dimethyl sulfate	Liquid	77-78-1	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
Dimethyl sulfide	Liquid	75-18-3	83*/139	271	452	5	1.21	0.02			
Dimethyl sulfoxide	Liquid	67-68-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Dimethylmalonate	Vapor	108-59-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Dioxane, 1,4-	Liquid	123-91-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Diphenyl methane diisocyanate, 4,4'- (50 °C, molten)	Liquid	101-68-8	>480	>480	>480	6	<0.0403	0.0403	<19.3	>480	6

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Diphosgene	Liquid	503-38-8	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Dowtherm Heat Transfer Fluid	Liquid	mix	>480	>480	>480	6	<0.0267	0.0267	<13	>480	6
Dytek® A	Liquid	15520-10-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Epichlorohydrin	Liquid	106-89-8	355	395	>480	6	<0.4	0.02	18.4	>480	6
Epoxy ethane (gaseous)	Vapor	75-21-8	106	126	>480	6	<0.35	0.05	76	>480	6
Epoxy propane, 1,2-	Liquid	75-56-9	41	43	51	2	<5	0.03	1860	114	3
Ethane 1,2-diol	Liquid	107-21-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Ethane dioic acid (sat)	Liquid	144-62-7	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethane diol dipropionate, 1,2-	Liquid	123-73-9	121	147	>480	6	<1	0.02	210	405	5
Ethane nitrile	Liquid	75-05-8	65*/83	131	>480	6	<0.4	0.03	<82	>480	6
Ethane thiol	Liquid	75-08-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethane trichloride	Liquid	79-00-5	120*/173	164*/232	202*/302	4	9.1	0.01			
Ethanol	Liquid	64-17-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethanol amine	Liquid	141-43-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethanoyl chloride	Liquid	75-36-5	155	>480	>480	6	0.0014	0.0001			
Ethansulphonic acid (70%)	Liquid	594-45-6	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Ethoxy ethanol, 2-	Liquid	110-80-5	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethoxy ethylacetat	Liquid	111-15-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethyl Cellosolve®	Liquid	110-80-5	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethyl acetate	Liquid	141-78-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethyl acrylate	Liquid	140-88-5	imm*/161	imm*/162	imm*/163		<5	0.04			
Ethyl alcohol	Liquid	64-17-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Ethyl benzene	Liquid	100-41-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethyl ethanamine, N-	Liquid	109-89-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethyl ether	Liquid	60-29-7	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethyl glycol acetate	Liquid	111-15-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethyl hexanoic acid	Liquid	149-57-5	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Ethyl mercaptan	Liquid	75-08-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ethyl nitrile	Liquid	75-05-8	65*/83	131	>480	6	<0.4	0.03	<82	>480	6
Ethylchloroformate	Liquid	541-41-3	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Ethylene carboxylic acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Ethylene chlorohydrin	Liquid	107-07-3	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Ethylene diamine	Liquid	107-15-3	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethylene dibromide	Liquid	106-93-4	84*/153	144*/288	>480	6	0.52	0.001			
Ethylene dichloride	Liquid	107-06-2	65*/83	93	109	3	<3	0.04	898	182	4
Ethylene glycol	Liquid	107-21-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Ethylene glycol mono ethyl ether acetate	Liquid	111-15-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethylene glycol monobutyl ether	Liquid	111-76-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Ethylene glycol monoethyl ether	Liquid	110-80-5	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethylene glycol monomethyl ether	Liquid	109-86-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethylene glycol monomethyl ether acetate	Liquid	110-49-6	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Ethylene oxide (gaseous)	Vapor	75-21-8	106	126	>480	6	<0.35	0.05	76	>480	6
Ethylene tetrachloride	Liquid	127-18-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6

TECHNICAL DATA SHEET

HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Ethylene trichloride	Liquid	79-01-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Ferric (II) chloride (sat)	Liquid	7758-94-3	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Ferric (III) chloride (40%)	Liquid	7705-08-0	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Fluorobenzene	Liquid	462-06-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Fluorosilicic acid (33-35%)	Liquid	16961-83-4	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Fluorosulfonic acid	Liquid	7789-21-1	87	194	>480	6	na	0.02	29	>480	6
Formaldehyde (37%)	Liquid	50-00-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Formalin (37% (10-15% Methanol))	Liquid	50-00-0	>480	>480	>480	6	<0.0048	0.0048	<2.3	>480	6
Formalin (37%)	Liquid	50-00-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Formic acid (50%)	Liquid	64-18-6	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Formic acid (>95%)	Liquid	64-18-6	172	260	>480	6	0.24	0.001			
Furaldehyde, 2-	Liquid	98-01-1	459	>480	>480	6	na	0.03	<14.4	>480	6
Furan	Liquid	110-00-9	75	97	>480	6	<1	0.02	206	411	5
Furfural	Liquid	98-01-1	459	>480	>480	6	na	0.03	<14.4	>480	6
Gasoline, leaded	Liquid	mix	imm	imm*/21			0.32	0.001			
Gasoline, unleaded	Liquid	86290-81-5	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Glutaral (50%)	Liquid	111-30-8	150	170	200	4	1.861	0.01			
Glutaraldehyde (50%)	Liquid	111-30-8	150	170	200	4	1.861	0.01			
Glycol alcohol	Liquid	107-21-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Glycol chlorohydrin	Liquid	107-07-3	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Green Liquor (mix)	Liquid	mix		>480							
Heptane	Liquid	142-82-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hexamethylene diamine (45 °C, molten)	Liquid	124-09-4	423	>480	>480	6	0.003	0.0001	<1.4	>480	6
Hexamethylene diisocyanate	Liquid	822-06-0	>480	>480	>480	6	<0.0271	0.0271	<13	>480	6
Hexane, n-	Liquid	110-54-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hexanone	Liquid	108-94-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hexone	Liquid	108-10-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hexyl chloro formate, 2-	Liquid	6092-54-2	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Hydrazine	Liquid	302-01-2	269	283	352	5	2.3	0.001			
Hydriodic acid (55-57%)	Liquid	10034-85-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydrobromic acid (48%)	Liquid	10035-10-6	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Hydrochloric acid (37%)	Liquid	7647-01-0	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Hydrofluoric acid (48-51%)	Liquid	7664-39-3	>480	>480	>480	6	<0.025	0.025	<12	>480	6
Hydrofluoric acid (60%)	Liquid	7664-39-3	18	52	373	5	na	0.005			
Hydrofluoric acid (70%)	Liquid	7664-39-3	22	35	293	5	na	0.005	414	227	4
Hydrogen bromide (gaseous)	Vapor	10035-10-6	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Hydrogen chloride (gaseous)	Vapor	7647-01-0	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Hydrogen fluoride (20-27 °C, gaseous)	Vapor	7664-39-3	imm	imm	23	1	na	0.05			
Hydrogen peroxide (50%)	Liquid	7722-84-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Hydrogen peroxide (70%)	Liquid	7722-84-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Hydroxy 1,2,3-propanetricarboxylic acid, 2- (sat)	Liquid	77-92-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Hydroxy 1-ethanethiol, 2-	Liquid	60-24-2	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6

TECHNICAL DATA SHEET

HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Hydroxy 2-methylpropionitrile, 2-	Liquid	75-86-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hydroxy isobutyronitrile	Liquid	75-86-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Hydroxy toluene	Liquid	100-51-6	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Hydroxy toluene, o-	Liquid	95-48-7	173	179	211	4	<4	0.02	674	295	5
Hypophosphorus acid (50%)	Liquid	6303-21-5	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
Iodomethane	Liquid	74-88-4	254	296	>480	6	na	0.07	53.6	>480	6
Isobutyl methyl ketone	Liquid	108-10-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Isophthaloyldichloride (45 °C, molten)	Liquid	99-63-8	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Isopropanol	Liquid	67-63-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Isopropyl alcohol	Liquid	67-63-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Isopropyl amine	Liquid	75-31-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Isopropyl benzene	Liquid	98-82-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Isopropyl bromoacetate (>95%)	Liquid	29921-57-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Isopropylidenediphenol diglycidyl ether, 4,4'-	Liquid	1675-54-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Kerosene	Liquid	8008-20-6	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Ketone propane	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Lewisite (L), FINABEL 0.7.C	Liquid	541-25-3	>155 ⁸	>155 ⁸							
Lewisite (L), MIL-STD-282 (100 g/m ²)	Liquid	541-25-3		360 ⁸							
Limonene d-	Liquid	5989-27-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Maleic anhydride (66 °C, molten)	Liquid	108-31-6	21	22	24	1	24.6	0.016			
Mercapto acetic acid	Liquid	68-11-1	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Mercapto ethanol	Liquid	60-24-2	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Mercuric I chloride (sat)	Liquid	10112-91-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Mercury	Liquid	7439-97-6	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
Methacrylic acid	Liquid	79-41-4	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Methanesulfonyl chloride	Liquid	124-63-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methanesulphonic acid	Liquid	75-75-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methanethiol	Vapor	74-93-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methanol	Liquid	67-56-1	56	117	>480	6	0.14	0.02			
Methoxy 2-methylpropane, 2-	Liquid	1634-04-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methoxy chloromethane	Liquid	107-30-2	imm*/11	imm*/37	>480	6	0.75	0.001			
Methoxy ethanol, 2	Liquid	109-86-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Methoxy ethylacetate, 2-	Liquid	110-49-6	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Methyl -2-pyridyl acetate	Liquid	1658-42-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl 1,5-pentantedinitrile, 2-	Liquid	4553-62-2	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Methyl 2-methyl-2-propenoate	Liquid	80-62-6	imm*/26	imm*/53			1.4	0.001			
Methyl 2-pyrrolidon, N-	Liquid	872-50-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl 4-isopropenyl-1-cyclohexene, 1-	Liquid	5989-27-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl Ethyl Ketone Peroxide (35%)	Liquid	1338-23-4	>480	>480	>480	6	<0.018	0.018	<10	>480	6

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Methyl N-nitrosomethanamine, N-	Liquid	62-75-9	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Methyl acetyl	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl acrolein	Liquid	123-73-9	121	147	>480	6	<1	0.02	210	405	5
Methyl acrylate	Liquid	96-33-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl amine (gaseous)	Vapor	74-89-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl aniline, o-	Liquid	95-53-4	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Methyl benzol	Liquid	108-88-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl benzylamine, N-	Liquid	103-67-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl chloride (gaseous)	Vapor	74-87-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl chloro formate	Liquid	79-22-1	99*/175	204*/308	>480	6	0.17	0.05	<24	>480	6
Methyl cyanide	Liquid	75-05-8	65*/83	131	>480	6	<0.4	0.03	<82	>480	6
Methyl ethyl ketone	Liquid	78-93-3	imm	40*/64	>480	6	0.36	0.001			
Methyl ethyl ketoxime	Liquid	96-29-7	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl formamide, N-	Liquid	123-39-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl hydrazine	Liquid	60-34-4	83*/206	183*/283	280*/413	5	0.98	0.01			
Methyl imidazole, 1-	Liquid	616-47-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Methyl iodide	Liquid	74-88-4	254	296	>480	6	na	0.07	53.6	>480	6
Methyl isocyanate	Liquid	624-83-9	imm	imm			0.42	0.001			
Methyl ketone	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Methyl mercaptan	Vapor	74-93-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl methacrylate	Liquid	80-62-6	imm*/26	imm*/53			1.4	0.001			
Methyl pentan-2-one, 4-	Liquid	108-10-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methyl phenols	Liquid	1319-77-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Methyl propan-2-ol, 2-	Liquid	75-65-0	10*/147	37*/205	>480	6	0.26	0.02			
Methyl propenoic acid, 2-	Liquid	79-41-4	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Methyl pyridine, 2-	Liquid	109-06-8	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Methyl pyridine, 3-	Liquid	108-99-6	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Methyl tert-butyl ether	Liquid	1634-04-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methyl trichlorosilane	Liquid	75-79-6	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Methyl vinyl ketone	Liquid	78-94-4	287*/379	>480	>480	6	<0.1	0.02	<9.6	>480	6
Methylen Isocyclohexylamine, 4,4- (40 °C)	Liquid	1761-71-3	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Methylene bromide	Liquid	74-95-3	imm	imm	20	1	111	0.05			
Methylene chloride	Liquid	75-09-2	imm	imm	imm		23.7	0.03			
Methylene chloride (10.000 ppm)	Vapor	75-09-2	imm	52	>480	6	<0.21	0.05	100	>480	6
Methylene chloride (1000 ppm)	Vapor	75-09-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Methylene diphenyl diisocyanate, 4,4'- (50 °C, molten)	Liquid	101-68-8	>480	>480	>480	6	<0.0403	0.0403	<19.3	>480	6
Naphthalene	Solid	91-20-3	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Naphthalene (25% in Diethylene glycol dimethylether)	Liquid	91-20-3	>480	>480	>480	6	<0.007	0.007	<3.4	>480	6
Neoprene (50% in Butanol)	Liquid	126-99-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Nicotine	Liquid	54-11-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Nitric acid (70%)	Liquid	7697-37-2	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Nitric acid (>95%)	Liquid	7697-37-2	14*/19	46	65*/82	3	<8	<0.03	34/90 min	134	4

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Nitric acid, red fuming (90%)	Liquid	52583-42-3	imm	imm*/10	32	2	na	0.08	342/80 min	59	2
Nitro benzene	Liquid	98-95-3	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Nitro chlormethan	Liquid	76-06-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Nitro methane	Liquid	75-52-5	157	233			0.97	0.001			
Nitro propane, 2-	Liquid	79-46-9	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Nitro toluene, 2-	Liquid	88-72-2	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Nitrogen dioxide	Vapor	10102-44-0	<15	<15			>0.2	0.01			
Norflurane	Vapor	811-97-2	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Octyl chlor formiate	Liquid	7452-59-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Oleum (20% free SO3)	Liquid	8014-95-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Oleum (40% free SO3)	Liquid	8014-95-7	130*/220	455*/468	>480	6	0.32	0.0001			
Oleum (65% free SO3)	Liquid	8014-95-7	180	248	370	5	na	0.04	398	428	5
Oxalic acid (sat)	Liquid	144-62-7	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
PCB in transformer oil (mix)	Liquid	mix	324*/428	>480	>480	6	0.032	0.01			
Pentachloroantimony	Liquid	7647-18-9	<15	<15	<15	1	>10	0.1			
Pentanedial, 1,5- (50%)	Liquid	111-30-8	150	170	200	4	1.861	0.01			
Pentanoic acid	Liquid	109-52-4	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Pentanol, 1-	Liquid	71-41-0	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Pentanol, tert-	Liquid	75-85-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Pentene nitrile, 2-	Liquid	13284-42-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Pentyl acetate	Liquid	628-63-7	>480	>480	>480	6	0.007	0.001	<10.2	>480	6
Peracetic Acid (32%)	Liquid	79-21-0	>480	>480	>480	6	<0.0123	0.0123	<6	>480	6
Perchloric acid (70%)	Liquid	7601-90-3	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Phenethylene	Liquid	100-42-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Phenol (45 °C, molten)	Liquid	108-95-2	22	25	29	1	na	0.05	>355, 120 min	56	2
Phenol (60 °C, molten)	Liquid	108-95-2	imm	imm	imm		na	0.01	426/24 min	14	1
Phenol (85%)	Liquid	108-95-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Phenyl acetonitrile	Liquid	140-29-4	>390	>390	>390	5	<0.01	0.01	<4.8	>480	6
Phenyl amine	Liquid	62-53-3	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Phenyl chlor formiate	Liquid	1885-14-9	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Phenyl chloride	Liquid	108-90-7	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Phenyl cyanide	Liquid	100-47-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Phenyl ethane	Liquid	100-41-4	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Phenyl ethanol, 1-	Liquid	98-85-1	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Phenyl propane, 2-	Liquid	98-82-8	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Phenyl trichlorosilane	Liquid	98-13-5	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Phosgene	Vapor	75-44-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Phosphine	Vapor	7803-51-2	imm	imm			>0.11	0.003			
Phosphinic acid (50%)	Liquid	6303-21-5	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
Phosphoric acid (85%)	Liquid	7664-38-2	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Phosphorus oxychloride	Liquid	10025-87-3		>480	>480	6	<0.01	0.01	<4.8	>480	6
Phosphorus trichloride	Liquid	7719-12-2	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Picoline, 2-	Liquid	109-06-8	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Picoline, 3-	Liquid	108-99-6	>480	>480	>480	6	<0.024	0.024	<11.5	>480	6
Pimelic ketone	Liquid	108-94-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6

TECHNICAL DATA SHEET

HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Polymethylene polyphenyle isocyanate (p-MDI)	Liquid	9016-87-9	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Potassium acetate (sat)	Liquid	127-08-2	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Potassium chromate (sat)	Liquid	7789-00-6	>480	>480	>480	6	<0.08	0.08	<38.4	>480	6
Potassium hydroxide (45%)	Liquid	1310-58-3	>480	>480	>480	6	<0.023	0.023	<11	>480	0
Potassium hydroxide (50%)	Liquid	1310-58-3	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Prop-2-en-1-al	Liquid	107-02-8	51*/65	75*/101	>480	6	<0.5	0.02	105	>480	6
Prop-2-en-1-al (10 g/m ²)	Liquid	107-02-8	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Prop-2-yn-1-ol	Liquid	107-19-7	123	123	127	4	37.9	0.07			
Propan -1-ol	Liquid	71-23-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propan -2-ol	Liquid	67-63-0	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Propan -2-one	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propanoic acid	Liquid	79-09-4	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Propanol, 1-	Liquid	71-23-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propanol, n-	Liquid	71-23-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propargyl alcohol	Liquid	107-19-7	123	123	127	4	37.9	0.07			
Propen 1-ol, 2-	Liquid	107-18-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propenamide (50%)	Liquid	79-06-1	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Propene acid	Liquid	79-10-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Propenenitrile, 2-	Liquid	107-13-1	72*/91	73*/92	103	3	8.9	0.0085			
Propenoic acid butyl ester, 2-	Liquid	141-32-2	>480	>480	>480	6	<0.05	0.05	>480	>480	6
Propenoic acid nitrile	Liquid	107-13-1	72*/91	73*/92	103	3	8.9	0.0085			
Propylchloroformate	Liquid	109-61-5	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Propyl alcohol	Liquid	71-23-8	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Propyl amine, n-	Liquid	107-10-8	imm	16*/21	>480	6	0.52	0.05			
Propyl bromide, n-	Liquid	106-94-5	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Propylene aldehyde	Liquid	123-73-9	121	147	>480	6	<1	0.02	210	405	5
Propylene oxide, 1,2-	Liquid	75-56-9	41	43	51	2	<5	0.03	1860	114	3
Pyridene, 2-fluoro-6-(trifluoromethyl)	Liquid	94239-04-0	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Pyridine	Liquid	110-86-1	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Pyroacetic ether	Liquid	67-64-1	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Pyrrolidine	Liquid	123-75-1	40*/80	45*/100	145*/185	4	4.7	0.05			
Sarin (GB), FINABEL 0.7.C	Liquid	107-44-8		>1400 ⁸							
Sarin (GB), MIL-STD-282 (100 g/m ²)	Liquid	107-44-8		>480 ⁸							
Silane	Vapor	7803-62-5	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Silicon tetrachloride	Liquid	10026-04-7	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Sodium bisulphite (38-40%)	Liquid	7631-90-5	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Sodium cyanide (45%)	Liquid	143-33-9	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Sodium cyanide (sat)	Liquid	143-33-9	>480	>480	>480	6	<0.07	0.07	<33.6	>480	6
Sodium hydroxide (50% at 50 °C)	Liquid	1310-73-2	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Sodium hydroxide (50%)	Liquid	1310-73-2	>480	>480	>480	6	<0.025	0.025	<12	>480	6
Sodium hypochlorite (15%)	Liquid	7681-52-9	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Soman (GD), FINABEL 0.7.C	Liquid	96-64-0		>1400 ⁸							

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HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Soman (GD), MIL-STD-282 (100 g/m ²)	Liquid	96-64-0		>480 ⁸							
Spiritus	Liquid	64-17-5	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Styrene	Liquid	100-42-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Sulfamic acid (15%)	Liquid	5329-14-6	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Sulfamidic acid (15%)	Liquid	5329-14-6	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Sulfur Mustard (HD), FINABEL 0.7.C	Liquid	505-60-2		>1400 ⁸							
Sulfur Mustard (HD), MIL-STD-282 (100 g/m ²)	Liquid	505-60-2		>480 ⁸							
Sulfur dioxide	Vapor	7446-09-5	28*/46	28*/46	>480	6	<0.5	0.1	<94	>480	6
Sulfuric acid (98% at 50 °C)	Liquid	7664-93-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Sulfuric acid (>95%)	Liquid	7664-93-9	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Sulfuric acid diethyl ester	Liquid	64-67-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Sulfuric acid dimethyl ester	Liquid	77-78-1	>480	>480	>480	6	<0.09	0.09	<43.2	>480	6
Sulfuric acid fuming (20% free SO ₃)	Liquid	8014-95-7	>480	>480	>480	6	<0.06	0.06	<28.8	>480	6
Sulfuric acid fuming (40% free SO ₃)	Liquid	8014-95-7	130*/220	455*/468	>480	6	0.32	0.0001			
Sulfuric acid fuming (65% free SO ₃)	Liquid	8014-95-7	180	248	370	5	na	0.04	398	428	5
Sulfuryl chloride	Liquid	7791-25-5	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Tabun (GA), FINABEL 0.7.C	Liquid	77-81-6		>1400 ⁸							
Tabun (GA), MIL-STD-282 (100 g/m ²)	Liquid	77-81-6		>480 ⁸							
Tetrachloro bisphenol-A, 2,2',6,6'-	Solid	79-95-8	>480	>480	>480	6	<0.1	0.1	<48	>480	6
Tetrachloro ethane, 1,1,2,2,-	Liquid	79-34-5	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Tetrachloro ethylene, 1,1,2,2,-	Liquid	127-18-4	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Tetrachloro methane	Liquid	56-23-5	imm	imm*/11	>480	6	0.57	0.001			
Tetrachloro methane (1000 ppm)	Vapor	56-23-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Tetraethylene pentamine	Liquid	112-57-2	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Tetrafluoroethane, 1,1,1,2,-	Vapor	811-97-2	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Tetrahydrofuran	Liquid	109-99-9	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Tetramethyl ammonium hydroxide (25%)	Liquid	75-59-2	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Thiazol, 1,3,-	Liquid	288-47-1	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Thioalkohol	Liquid	75-08-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Thioglycolic acid	Liquid	68-11-1	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Thionyl chloride	Liquid	7719-09-7	21	21	33	2	nm	0.1	nm	47	2
Thiophene	Liquid	110-02-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Tin chloride, mono-n-butyl	Liquid	1118-46-3	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Tin chloride, tri-n-butyl	Liquid	1461-22-9		nm	>480	6	nm	0.2			
Titan(IV) chloride	Liquid	7550-45-0	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Titanium tetrachloride	Liquid	7550-45-0	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Toluene	Liquid	108-88-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Toluene diisocyanate, 2,4,-	Liquid	584-84-9	>480	>480	>480	6	<0.0281	0.0281	<13.5	>480	6
Toluene diisocyanate, 2,4-(80%)	Liquid	584-84-9	>480	>480	>480	6	<0.0281	0.0281	<13.5	>480	6

TECHNICAL DATA SHEET

HAZARD / CHEMICAL NAME	PHYSICAL STATE	CAS	BT ACT	BT 0.1	BT 1.0	EN	SSPR	MDPR	CUM 480	TIME 150	ISO
Toluidine, o-	Liquid	95-53-4	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Tributyl amine (95%)	Liquid	102-82-9	>480	>480	>480	6	<0.04	0.04	<19.2	>480	6
Trichloro acetic acid (sat)	Liquid	76-03-9	>480	>480	>480	6	<0.03	0.03	<14.4	>480	6
Trichloro acetone, 1,1,3- (87.7%)	Liquid	921-03-9	431*/458	467*/476	>480	6	<0.2	0.05	<24	>480	6
Trichloro benzene, 1,2,4-	Liquid	120-82-1	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Trichloro ethane, 1,1,2-	Liquid	79-00-5	120*/173	164*/232	202*/302	4	9.1	0.01			
Trichloro ethanol, 2,2,2-	Liquid	115-20-8	>480	>480	>480	6	<0.008	0.008	<3.8	>480	6
Trichloro ethylene	Liquid	79-01-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trichloro methane	Liquid	67-66-3	imm	imm	imm		10.6	0.001			
Trichloro methane (1000 ppm)	Vapor	67-66-3	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Trichloro phenylsilane	Liquid	98-13-5	>480	>480	>480	6	<0.0001	0.0001	<0.04	>480	6
Triethyl amine	Liquid	121-44-8	>480	>480	>480	6	0.05	0.05	<24	>480	6
Triethylenetetramine (60%)	Liquid	112-24-3	>480	>480	>480	6	<0.005	0.005	<2.4	>480	6
Trifluoro acetic acid	Liquid	76-05-1	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trifluoro methansulfonic acid	Liquid	1493-13-6	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Trimethyl chinon (30 °C, molten)	Liquid	935-92-2		nm	>480	6	nm	0.05			
VX Nerve Agent, FINABEL 0.7.C	Liquid	50782-69-9		>1400 ⁸							
VX Nerve Agent, MIL-STD-282 (100 g/m ²)	Liquid	50782-69-9		>480 ⁸							
Vinyl acetate	Liquid	108-05-4	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Vinyl benzol	Liquid	100-42-5	>480	>480	>480	6	<0.05	0.05	<24	>480	6
Vinyl carbinol	Liquid	107-18-6	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Vinyl chloride	Vapor	75-01-4	imm	>480	>480	6	0.02	0.001	<9.6	>480	6
Vinyl cyanide	Liquid	107-13-1	72*/91	73*/92	103	3	8.9	0.0085			
Vinyl ethylene (gaseous)	Vapor	106-99-0	>480	>480	>480	6	<0.01	0.01	<4.8	>480	6
Vinylidene chloride	Liquid	75-35-4	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
White Liquor	Liquid	mix		>480							
White spirit	Liquid	mix	>480	>480	>480	6	<0.02	0.02	<9.6	>480	6
Xylene, mixed isomers	Liquid	1330-20-7	>480	>480	>480	6	<0.001	0.001	<0.48	>480	6
Xylidine, 2,4-	Liquid	95-68-1	>480	>480	>480	6	<0.0195	0.0195	<9.4	>480	6

BTAct (Actual) Breakthrough time at MDPR [mins] | BT0.1 Normalized breakthrough time at 0.1 µg/cm²/min [mins] |

BT1.0 Normalized breakthrough time at 1.0 µg/cm²/min [mins] | EN Classification according to EN 14325 | SSPR Steady state permeation rate [µg/cm²/min] |

MDPR Minimum detectable permeation rate [µg/cm²/min] | CUM480 Cumulative permeation mass after 480 mins [µg/cm²] |

Time150 Time to reach cumulative permeation mass of 150 µg/cm² [mins] | ISO Classification according to ISO 16602 |

CAS Chemical abstracts service registry number | min Minute | > Larger than | < Smaller than | imm Immediate (< 10 min) | nm Not tested |

sat Saturated solution | N/A Not Applicable | na Not attained | GPR grade General purpose reagent grade | * Based on lowest single value |

8 Actual breakthrough time; normalized breakthrough time is not available | DOT5 Degradation after 5 min | DOT30 Degradation after 30 min |

DOT60 Degradation after 60 min | DOT240 Degradation after 240 min | BT1383 Normalized breakthrough time at 0.1 µg/cm²/min [mins] acc. ASTM F1383 |

Important Note

The permeation data published have been generated for DuPont by independent accredited testing laboratories according to the test method applicable at that time (EN ISO 6529 (method A and B), ASTM F739, ASTM F1383, ASTM D6978, EN369, EN 374-3) The data is typically the average of three fabrics samples tested. All chemicals have been tested at an assay of greater than 95 (w/w) % unless otherwise stated. The tests were performed between 20 °C and 27 °C and at environmental pressure unless otherwise stated. A different temperature may have significant influence on the breakthrough time. Permeation typically increases with temperature. Cumulative permeation data have been measured or have been calculated based on minimum detectable permeation rate. Cytostatic drugs testing has been performed at a test temperature of 27°C according to ASTM D6978 or ISO 6529 with the additional requirement of reporting a normalized breakthrough time at 0.01 µg/cm²/min. Chemical warfare agents (Lewisite, Sarin, Soman, Mustard, Tabun and VX Nerve Agent) have been tested

TECHNICAL DATA SHEET

according to MIL-STD-282 at 22°C or according to FINABEL 0.7 at 37°C. Permeation data for Tyvek® is applicable to white Tyvek® 500 and Tyvek® 600 only and is not applicable for other Tyvek® styles or colours. Permeation data are usually measured for single chemicals. The permeation characteristics of mixtures can often deviate considerably from the behaviour of the individual chemicals. The permeation data for gloves published have been generated according to ASTM F739 and to ASTM F1383. The degradation data for gloves published have been generated based on a gravimetric method. This degradation testing exposes one side of the glove material to the test chemical for four hours. The percent weight change after exposure is measured at four time intervals: 5, 30, 60 and 240 minutes.

Degradation Ratings:

- E: EXCELLENT (0-10% Weight Change)
- G: GOOD (11-20% Weight Change)
- F: FAIR (21-30% Weight Change)
- P: POOR (31-50% Weight Change)
- NR: NOT RECOMMENDED (Above 50% Weight Change)
- NT: NOT TESTED

Degradation is the physical change in a material after chemical exposure. Typical observable effects may be swelling, wrinkling, deterioration, or delamination. Strength loss may also occur.

Please use the permeation data provided as a part of the risk assessment to assist with the selection of a protective fabric, garment, glove or accessory suitable for your application. Breakthrough time is not the same as safe wear time. Breakthrough times are indicative of the barrier performance, but results can vary between the test methods and laboratories. Breakthrough time alone is insufficient to determine how long a garment may be worn once the garment has been contaminated. Safe user wear time may be longer or shorter than the breakthrough time depending on the permeation behaviour of the substance, the toxicity of the substance, working conditions and the exposure conditions (e.g. temperature, pressure, concentration, physical state).

Latest Update Permeation Data: 3/25/2022

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

WARNING

The garment does not protect against ionizing radiation.

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since DuPont cannot anticipate all variations in actual end-use conditions DuPont makes no warranties and assumes no liability in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

This garment and/or fabric are not flame resistant and should not be used around heat, open flame, sparks or in potentially flammable environments.

DuPont™ SafeSPEC™ - We're here to help

Our powerful web-based tool can assist you with finding the appropriate DuPont garments for chemical, controlled environment, thermal and mechanical hazards.



**DuPont Personal Protection
SafeSPEC™**

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CREATED ON: SEPTEMBER 5, 2022

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EU DECLARATION OF CONFORMITY

Tychem® 6000 F model CHA5

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EU DECLARATION OF CONFORMITY

We, DuPont de Nemours (Luxembourg) s.à r.l., declare that the PPE

Tychem® 6000 F model CHA5

Is in conformity with the relevant European Union harmonisation legislation provisions of the Regulation EU 2016/425.

Is in conformity with the requirements for PPE of category III.

Meets the minimum requirements specified by harmonized product standards:

EN 1073-2:2002	(non-ventilated protective clothing against particulate radioactive contamination) for a performance classification of TIL Class 1.
EN14605:2005 + A1:2009	(Protective clothing against liquid chemicals) for full body protection against liquid chemicals with liquid-tight (Type 3) and spray-tight (Type 4) connections.
EN ISO 13982-1:2004 + A1:2010	(Chemical protective clothing providing protection to the full body against airborne solid particulates (Type 5).
EN 13034:2005 + A1:2009	(Type 6: Limited life, full body chemical protective clothing offering limited protection against liquid chemicals).
EN14126:2003	(Protective clothing against infective agents) for the performance classification 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Protective clothing - Electrostatic properties) for electrostatic dissipative protective clothing with a surface resistance of $\leq 2.5 \times 10^9 \Omega$ on the internal (white) surface of the garment.

Is identical to the PPE which is subject of EU type-examination (Module B) certificate N°

GB17/873355

issued by SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

Is subject to the conformity assessment procedure based on quality assurance of the production process (Module D) under the surveillance of the notified body SGS Fimko Oy, Notified Body 0598.

Signed for DuPont de Nemours (Luxembourg) s.à r.l at Luxembourg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist

A handwritten signature in blue ink, appearing to read "M. Raschellà".

EU-KONFORMITÄTSERKLÄRUNG

Wir, DuPont de Nemours (Luxemburg) S.à r.l., erklären folgendes zu dem (den) PSA-Produkt(Produkten)

Tychem® 6000 F model CHA5

Es besteht Übereinstimmung mit den einschlägigen Bestimmungen zur Rechtsharmonisierung der Europäischen Union gemäß der Verordnung (EU) 2016/425.

Es besteht Übereinstimmung mit den Anforderungen an PSA der Kategorie III.

Die sich aus den harmonisierten Produktstandards ergebenden Mindestanforderungen werden erfüllt:

EN 1073-2:2002 (Unbelüftete Schutzkleidung gegen radioaktive Kontamination durch feste Partikel) für eine Leistungseinstufung der TIL-Klasse 1.

EN14605:2005 + A1:2009 (Schutzkleidung gegen flüssige Chemikalien) für Ganzkörperschutz gegen flüssige Chemikalien mit flüssigkeitsdichten (Typ 3) und spraydichten (Typ 4) Verbindungen.

EN ISO 13982-1:2004 + A1:2010 (Chemikaliensicherheitschutzkleidung, die den gesamten Körper einen Schutz gegen luftgetragene feste Partikel gewährt (Typ 5)).

EN 13034:2005 + A1:2009 (Typ 6: Begrenzt haltbare Ganzkörper-Chemikaliensicherheitschutzkleidung mit eingeschränkter Schutzleistung gegen flüssige Chemikalien).

EN14126:2003 (Schutzkleidung gegen Infektionserreger) für die Leistungseinstufungen 3-B, 4-B, 5-B, 6-B.

EN 1149-5:2008 (Schutzkleidung - Elektrostatische Eigenschaften) für elektrostatisch ableitfähige Schutzkleidung mit einem Oberflächenwiderstand von $\leq 2,5 \times 10^9 \Omega$ an der (weißen) Innenfläche der Schutzkleidung.

Es besteht Gleichartigkeit mit der PSA, die der EU-Baumusterprüfung (Modul B) unterliegt, Zertifikat Nr.

GB17/873355

Das Zertifikat wird durch SGS Fimko Oy vergeben, Zertifizierungsstelle 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

Das (die) Produkt(e) unterliegen dem Konformitätsprüfungsverfahren, das auf der Qualitätssicherung des Herstellungsverfahrens (Modul D) beruht und von der Zertifizierungsstelle SGS Fimko Oy überwacht wird (Zertifizierungsstelle Nr. 0598).

Unterzeichnet für DuPont de Nemours (Luxemburg) S.à r.l. in Luxemburg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



DÉCLARATION DE CONFORMITÉ EU

Nous, DuPont de Nemours (Luxembourg) s.à r.l., déclarons que l'EPI

Tychem® 6000 F model CHA5

est conforme aux dispositions réglementaires d'harmonisation de l'Union européenne du Règlement (UE) 2016/425 pertinentes.

est conforme aux exigences concernant les EPI de catégorie III.

répond aux exigences minimales requises par les normes harmonisées pour le produit :

EN 1073-2:2002	(vêtement de protection non ventilé contre la contamination par les particules radioactives) pour une classe de performance TIL Classe 1.
EN14605:2005 + A1:2009	(Vêtement de protection contre les produits chimiques liquides) assurant la protection intégrale du corps contre les produits chimiques liquides avec raccords étanches aux liquides (Type 3) et aux jets pulvérisés (Type 4).
EN ISO 13982-1:2004 + A1:2010	(Vêtement de protection chimique intégral contre les particules solides en suspension dans l'air (Type 5)).
EN 13034:2005 + A1:2009	(Type 6 : vêtement de protection chimique intégral à durée de vie limitée, offrant une protection limitée contre les produits chimiques liquides).
EN14126:2003	(Vêtement de protection contre les agents infectieux) pour les classes de performance 3-B, 4-B, 5-B et 6-B.
EN 1149-5:2008	(Vêtement de protection - Propriétés électrostatiques) pour le vêtement de protection par dissipation électrostatique avec une résistance de la surface $\leq 2,5 \times 10^9 \Omega$ à la surface intérieure (blanche) du vêtement.

est identique à l'EPI soumis à l'examen UE de type (Module B), n° de certificat

GB17/873355

émis par SGS Fimko Oy, Organisme notifié 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

est soumis à la procédure d'évaluation de conformité fondée sur l'assurance qualité du processus de production (Module D) sous la surveillance de l'organisme notifié SGS Fimko Oy, Numéro d'organisme notifié 0598.

Signé pour le compte de DuPont de Nemours (Luxembourg) s.à r.l. au
Luxembourg,

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



DICHIARAZIONE DI CONFORMITÀ EU

DuPont de Nemours (Luxembourg) s.à r.l. dichiara che i DPI

Tychem® 6000 F model CHA5

sono conformi alle disposizioni pertinenti della normativa di armonizzazione dell'Unione europea del Regolamento (UE) 2016/425;

sono conformi ai requisiti dei DPI della categoria III;

soddisfano i requisiti minimi specificati dagli standard armonizzati sui prodotti:

EN 1073-2:2002	(Indumenti di protezione non ventilati contro la contaminazione radioattiva sotto forma di particelle) per una classificazione delle prestazioni TIL classe 1
EN14605:2005 + A1:2009	(Indumenti di protezione contro agenti chimici liquidi) per una protezione totale contro agenti chimici liquidi con collegamenti a tenuta di liquidi (tipo 3) e a tenuta di spruzzi (tipo 4)
EN ISO 13982-1:2004 + A1:2010	(Indumenti di protezione contro prodotti chimici che offrono protezione all'intero corpo contro particelle solide disperse nell'aria (tipo 5))
EN 13034:2005 + A1:2009	(Tipo 6: tute di protezione contro prodotti chimici, di durata limitata, che offrono una protezione limitata contro agenti chimici liquidi)
EN14126:2003	(Indumenti di protezione contro agenti infettivi) per la classificazione delle prestazioni 3-B, 4-B, 5-B e 6-B
EN 1149-5:2008	(Indumenti di protezione - Proprietà elettrostatiche) per gli indumenti di protezione che dissipano le cariche elettrostatiche con una resistenza della superficie $\leq 2,5 \times 10^9 \Omega$ sulla superficie interna (bianca) dell'indumento

sono identici ai DPI soggetti all'esame UE del tipo (modulo B), n. di certificato

GB17/873355

rilasciato da SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finlandia;

è soggetto alla procedura di valutazione della conformità basata sulla garanzia di qualità del processo di produzione (modulo D) sotto la sorveglianza dell'organismo notificato SGS Fimko Oy, organismo notificato numero 0598.

Firmato per conto di DuPont de Nemours (Luxembourg) s.à r.l a
Lussemburgo,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



DECLARACIÓN DE CONFORMIDAD EU

Nosotros, DuPont de Nemours (Luxembourg) s.à r.l., declaramos que los Equipos de protección individual

Tychem® 6000 F model CHA5

son conformes con las disposiciones de legislación de armonización de la Unión Europea pertinentes del Reglamento (UE) 2016/425.

Son conformes con los requisitos de Equipos de Protección Individual de categoría III.

Cumplen los requisitos mínimos especificados por las normas de productos armonizadas:

EN 1073-2:2002	(prendas de protección sin ventilación contra la contaminación por partículas radioactivas) para una clasificación de rendimiento TIL Clase 1.
EN14605:2005 + A1:2009	(Prendas de protección contra químicos líquidos) para la protección de cuerpo completo contra químicos líquidos con conexiones que evitan la penetración de líquidos (Tipo 3) y la penetración de pulverizaciones (Tipo 4).
EN ISO 13982-1:2004 + A1:2010	(Prendas de protección química que protegen todo el cuerpo contra las partículas sólidas suspendidas en el aire (Tipo 5).
EN 13034:2005 + A1:2009	(Tipo 6: Prendas de protección química de cuerpo completo, vida limitada que protegen contra químicos líquidos).
EN14126:2003	(Prendas de protección contra agentes infecciosos) para la clasificación de rendimiento 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Prendas de protección - Propiedades electrostáticas) para prendas protectoras con capacidad de disipación electrostática con una superficie de resistencia de $\leq 2,5 \times 10^9 \Omega$ en la superficie (blanca) interna de la prenda.

Es idéntica a los Equipos de Protección Individual que son objeto del certificado del examen de tipo de la UE (Módulo B) N°

GB17/873355

emitido por SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finlandia.

Está sujeta al procedimiento de evaluación de conformidad basado en el aseguramiento de la calidad del proceso de producción (Módulo D) bajo la vigilancia del organismo notificado SGS Fimko Oy, Organismo Notificado número 0598.

Firmado para DuPont de Nemours (Luxembourg) s.à r.l en Luxemburgo,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



DECLARAÇÃO DE CONFORMIDADE EU

Nós, DuPont de Nemours (Luxemburgo) s.à r.l, declaramos que o EPI

Tychem® 6000 F model CHA5

Está em conformidade com as disposições relevantes da legislação de harmonização da União Europeia do Regulamento UE 2016/425.

Está em conformidade com os requisitos para o EPI da categoria III.

Cumpramos os requisitos mínimos especificados pelas normas harmonizadas de produtos:

EN 1073-2:2002	(vestuário de proteção não ventilado contra contaminação radioativa na forma de partículas) para uma classificação de desempenho da Classe TIL 1.
EN14605:2005 + A1:2009	(Vestuário de proteção contra produtos químicos líquidos) para proteção de todo o corpo contra produtos químicos líquidos com ligações impermeáveis (Tipo 3) e estanques (Tipo 4).
EN ISO 13982-1:2004 + A1:2010	(Vestuário de proteção contra produtos químicos que protege o corpo inteiro contra partículas sólidas suspensas no ar (Tipo 5).
EN 13034:2005 + A1:2009	(Tipo 6: Vida útil limitada, vestuário de proteção contra produtos químicos para todo o corpo que oferece proteção limitada contra produtos químicos líquidos).
EN14126:2003	(Vestuário de proteção contra agentes infecciosos) para a classificação de desempenho 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Vestuário de proteção - Propriedades eletrostáticas) para vestuário de proteção eletrostática dissipativa com uma resistência superficial de $\leq 2,5 \times 10^9 \Omega$ na superfície (branca) interna da peça.

É idêntico ao EPI sujeito ao n.º de certificado de exame de tipo UE (Módulo B)

GB17/873355

emitido pela SGS Fimko Oy, Organismo Notificado 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finlândia.

Está sujeito ao procedimento de avaliação da conformidade com base na garantia de qualidade do processo de produção (Módulo D) sob a vigilância do organismo notificado SGS Fimko Oy, Organismo Notificado número 0598.

Assinado por DuPont de Nemours (Luxemburgo) s.à r.l no Luxemburgo,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



EU-CONFORMITEITSVERKLARING

Wij, DuPont de Nemours (Luxembourg) s.à r.l., verklaren hierbij dat de persoonlijke beschermingsuitrusting

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In overeenstemming is met de relevante bepalingen van de harmonisatiewetgeving van de Europese Unie (Verordening EU 2016/425).

In overeenstemming is met de vereisten voor persoonlijke beschermingsuitrusting van categorie III.

Voldoet aan de vereisten zoals opgegeven door geharmoniseerde productnormen:

EN 1073-2:2002	(Niet-geventileerde beschermende kleding tegen radioactieve besmetting door vaste deeltjes) voor een prestatieclassificatie van TIL klasse 1.
EN14605:2005 + A1:2009	(Beschermende kleding tegen vloeibare chemicaliën) voor de volledige bescherming van het lichaam tegen vloeibare chemicaliën met vloeistofdichte (type 3) en spatdichte (type 4) verbindingen.
EN ISO 13982-1:2004 + A1:2010	(Beschermende kleding tegen chemicaliën die het volledige lichaam beschermt tegen door de lucht verspreide vaste deeltjes bestaande chemicaliën (type 5).
EN 13034:2005 + A1:2009	(Type 6: Volledig beschermende, beperkt te gebruiken kleding tegen chemische middelen met een beperkte bescherming tegen vloeibare chemicaliën).
EN14126:2003	(Beschermende kleding tegen besmettelijke agentia) voor de prestatieclassificatie 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Beschermende kleding - Elektrostatische eigenschappen) voor antistatische beschermende kleding met een oppervlakteweerstand van $\leq 2,5 \times 10^9 \Omega$ aan de (witte) binnenkant van de kleding.

Is identiek aan de persoonlijke beschermingsuitrusting die het onderwerp is van het EU-typeonderzoek (module B) certificaatnummer

GB17/873355

Uitgegeven door SGS Fimko Oy, aangemelde instantie 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

Is onderworpen aan de conformiteitsbeoordelingsprocedure die is gebaseerd op de kwaliteitsborging van het productieproces (module D) onder toezicht van de aangemelde instantie SGS Fimko Oy, nummer van de aangemelde instantie 0598.

Ondertekend voor DuPont de Nemours (Luxembourg) s.à r.l in Luxemburg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



EU-SAMSVARSERKLÆRING

Vi, DuPont de Nemours (Luxembourg) s.à r.l., erklærer at det personlige verneutstyret

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Er i samsvar med de relevante harmoniseringsbestemmelsene i forordning (EU) 2016/425.

Er i samsvar med kravene til personlig verneutstyr i kategori III.

Innfri minimumskravene for harmoniserte produktstandarder:

EN 1073-2:2002	(ikke-ventilert vernetøy mot radioaktiv partikkelforurensning) for ytelsesklassifiseringen TIL-klasse 1.
EN14605:2005 + A1:2009	(Vernetøy til bruk mot flytende kjemikalier) for beskyttelse av hele kroppen mot flytende kjemikalier med væsketette (type 3) eller dusjtette (type 4) forbindelser.
EN ISO 13982-1:2004 + A1:2010	(Vernetøy som beskytter hele kroppen mot luftbårne faste partikler (type 5)).
EN 13034:2005 + A1:2009	(Type 6: Tidsbegrenset vernetøy som gir hele kroppen begrenset beskyttelse mot flytende kjemikalier).
EN14126:2003	(Vernetøy mot smittestoffer) for ytelsesklassifisering 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Vernetøy – elektrostatiske egenskaper) for elektrostatisk dissipativt vernetøy med en overflatemotstand på $\leq 2,5 \times 10^9 \Omega$ på den innvendige (hvite) overflaten på plagget.

Er identisk med det personlige vernetøyet som er underlagt EU-typetest under modul B, sertifikat N°

GB17/873355

utstedt av SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

Er underlagt prosedyren for samsvarsvurdering basert på kvalitetssikring av produksjonsprosessen (modul D) under overvåkning av det tekniske kontrollorganet SGS Fimko Oy med nummer 0598.

Underskrevet på vegne av DuPont de Nemours (Luxembourg) s.à r.l i
Luxembourg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



EU-OVERENSSTEMMELSESERKLÆRING

Vi, DuPont de Nemours (Luxembourg) s.à r.l., erklærer, at det personlige
værnemiddel

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Er i overensstemmelse med de relevante harmoniseringsbestemmelser i forordning (EU) 2016/425 i EU-lovgivningen.

Er i overensstemmelse med kravene til personlige værnemidler i kategori III.

Opfylder minimumskravene for harmoniserede produktstandarder:

EN 1073-2:2002	(ikke-ventileret beskyttelsesbeklædning mod radioaktiv partikelkontaminering) med en ydeevneklassificering som TIL-klasse 1.
EN14605:2005 + A1:2009	(Beskyttelsesbeklædning mod flydende kemikalier) for fuld kropsbeskyttelse mod flydende kemikalier med vandtætte (type 3) og sprøjtetætte (type 4) forbindelser.
EN ISO 13982-1:2004 + A1:2010	(Kemisk beskyttelsesbeklædning, der beskytter hele kroppen mod luftbårne faste partikler (type 5).
EN 13034:2005 + A1:2009	(Type 6: Tidsbegrænset, kemisk beskyttelsesbeklædning for hele kroppen, der yder begrænset beskyttelse mod flydende kemikalier).
EN14126:2003	(Beskyttelsesbeklædning mod smitsomme agenser) for ydeevneklassificeringen 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Beskyttelsesbeklædning – elektrostatiske egenskaber) for elektrostatisk dissipativ beskyttelsesbeklædning med en overflademodstand på $\leq 2,5 \times 10^9 \Omega$ på beklædningsgenstandens indvendige (hvide) overflade.

Er identisk med det personlige værnemiddel, der er underlagt EU-typetest under modul B, certifikat N°

GB17/873355

udstedt af SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

Er underlagt overensstemmelsesvurderingsproceduren baseret på kvalitetssikring af produktionsprocessen (modul D) under overvågning af det bemyndigede organ SGS Fimko Oy med nummer 0598.

Underskrevet på vegne af DuPont de Nemours (Luxembourg) s.à r.l i
Luxembourg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



FÖRSÄKRAN OM EU-ÖVERENSSTÄMMELSE

Vi, DuPont de Nemours (Luxembourg) s.à r.l., försäkrar att den personliga skyddsutrustningen

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Överensstämmer med relevanta bestämmelser om EU-harmoniseringslagstiftning i EU-förordningen 2016/425.

Överensstämmer med kraven för personlig skyddsutrustning i kategori III.

Uppfyller minimikraven som anges av harmoniserade produktstandarder:

EN 1073-2:2002	(icke ventilerade skyddskläder mot radioaktiva föreningar i partikelform) för prestandaklassificeringen TIL klass 1.
EN14605:2005 + A1:2009	(Skyddskläder mot kemikalier i vätskeform) för fullständigt kroppsskydd mot kemikalier i vätskeform, med vätsketäta (typ 3) och stänktäta (typ 4) anslutningar.
EN ISO 13982-1:2004 + A1:2010	(skyddskläder mot kemikalier som ger skydd för hela kroppen mot luftburna fasta partiklar (typ 5).
EN 13034:2005 + A1:2009	(typ 6: Prestandakrav för kemisk skyddsdräkt med begränsad skyddsfunktion mot kemikalier i vätskeform).
EN14126:2003	(Skyddskläder mot smittsamma ämnen) för prestandaklassificeringen 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Skyddskläder – Elektrostatiska egenskaper) för elektrostatiska dissipativa skyddskläder med en ytresistivitet på $\leq 2,5 \times 10^9 \Omega$ på plaggets inre (vita) yta.

Är identisk med personlig skyddsutrustning som genomgår EU-typprovning (modul B) certifikat N°

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utställt av SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland.

Genomgår bedömningsförfarandet för överensstämmelse baserat på produktionsprocessens kvalitetssäkring (modul D) under tillsyn av det anmälda organet SGS Fimko Oy, anmält organ nr 0598.

Undertecknat för DuPont de Nemours (Luxembourg) s.à r.l. i Luxemburg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



EU-VAATIMUSTENMUKAISUUSVAKUUTUS

Me, DuPont de Nemours (Luxembourg) s.à r.l., vakuutamme, että henkilönsuojain

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on asianmukaisten asetuksessa (EU) 2016/425 annettujen Euroopan unionin yhdenmukaistamislainsäädännön vaatimusten mukainen.

on luokkaan III luokiteltujen henkilönsuojainten vaatimusten mukainen.

täyttää yhdenmukaistettujen tuotestandardien vähimmäisvaatimukset:

EN 1073-2:2002 (ei-tuulettuva suojavaate radioaktiiviselta saastumiselta) TIL-luokan 1 suorituskyluokituksen osalta.

EN14605:2005 + A1:2009 (Suojavaatetus nestemäisiä kemikaaleja vastaan) koskien koko vartalon suojaamista nestemäisiltä kemikaaleilta nestetiiviillä (tyyppi 3) ja suihketiiviillä (tyyppi 4) liitännöillä.

EN ISO 13982-1:2004 + A1:2010 (Kemialliselta vaaralta tai haitalta suojaava vaatetus, joka suojaa koko vartaloa ilmassa kulkevilta kiinteiltä hiukkasilta (tyyppi 5).

EN 13034:2005 + A1:2009 (Tyyppi 6: Käyttöältään rajoitettu, koko vartaloa kemialliselta vaaralta tai haitalta suojaava vaatetus, joka suojaa rajallisesti nestemäisiltä kemikaaleilta).

EN14126:2003 (Suojavaatetus infektiivisiä aineita vastaan) suorituskyluokituksen 3-B, 4-B, 5-B ja 6-B osalta.

EN 1149-5:2008 (Suojavaatetus – sähköstaattiset ominaisuudet) koskien staattista sähköä poistavaa suojavaatetusta, jonka pintavastus on $\leq 2,5 \times 10^9 \Omega$ vaatteen (valkoisella) sisäpinnalla.

on identtinen sellaisen henkilönsuojaimen kanssa, joka on alisteinen EU-tyyppitarkastuksen (moduuli B) sertifikaatille N°

GB17/873355

jonka on myöntänyt SGS Fimko Oy, ilmoitetun laitoksen numeroltaan 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Suomi.

on alisteinen vaatimustenmukaisuusarviointimenettelylle, joka perustuu tuotantoprosessin laadunvarmistukseen (moduuli D) ilmoitetun laitoksen SGS Fimko Oy, ilmoitetun laitoksen numeroltaan 0598, valvonnassa.

Allekirjoittanut Luxemburgissa DuPont de Nemours (Luxembourg) s.à r.l -
yrityksen puolesta

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



DEKLARACJA ZGODNOŚCI WE

Spółka DuPont de Nemours (Luksemburg) S.à r.l. oświadcza, że ŚOI

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są zgodne ze stosownymi przepisami unijnego prawodawstwa harmonizacyjnego określonego w Rozporządzeniu UE 2016/425.

są zgodne z wymaganiami ustanowionymi dla ŚOI kategorii III.

spełniają minimalne wymagania określone przez zharmonizowane normy dla produktu:

EN 1073-2:2002	(niewentylowana odzież chroniąca przed skażeniem cząstkami promieniotwórczymi), klasyfikacja skuteczności TIL Klasa 1.
EN14605:2005 + A1:2009	(Odzież chroniąca przed płynnymi substancjami chemicznymi) dla zapewnienia ochrony całego ciała przed płynnymi substancjami chemicznymi z połączeniami nieprzepuszczającymi cieczy w postaci płynnej (Typ 3) lub rozpylonej (Typ 4).
EN ISO 13982-1:2004 + A1:2010	(Odzież chroniąca przed substancjami chemicznymi, zapewniająca ochronę całego ciała przed obecnymi w powietrzu cząstkami stałymi (Typ 5).
EN 13034:2005 + A1:2009	(Typ 6: Ograniczona trwałość, odzież chroniąca przed substancjami chemicznymi, zapewniająca ograniczoną ochronę całego ciała przed płynnymi substancjami chemicznymi).
EN14126:2003	(Odzież chroniąca przed czynnikami biologicznymi) klasyfikacja skuteczności 3-B, 4-B, 5-B i 6-B.
EN 1149-5:2008	(Odzież ochronna – Właściwości elektrostatyczne) odzież ochronna rozładowująca elektryczność statyczną z rezystancją powierzchniową w wysokości $\leq 2,5 \times 10^9 \Omega$ na wewnętrznej (białej) powierzchni ubrania.

są identyczne jak ŚOI będące obiektem certyfikatu badania typu WE (moduł B) nr

GB17/873355

opracowanie: SGS Fimko Oy, jednostka notyfikowana 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finlandia.

Podlega procedurze oceny zgodności w oparciu o zapewnienie jakości procesu produkcji (Moduł D) pod nadzorem jednostki notyfikowanej SGS Fimko Oy, jednostka notyfikowana numer 0598.

Podpisane przez spółkę DuPont de Nemours (Luksemburg) s.à r.l w
Luksemburgu.

20.Mar.19

M. Raschella
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EU MEGFELELŐSÉGI NYILATKOZAT

Ezennel a DuPont de Nemours (Luxembourg) s.à r.l. kijelenti, hogy a

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egyéni védőöltözet megfelel az EU 2016/425 EU rendelet vonatkozó EU harmonizációs jogszabályi rendelkezéseinek.

Megfelel az egyéni védőeszközökre vonatkozó III. kategóriájú követelményeknek.

Megfelel a harmonizált termékszabványokban meghatározott minimális követelményeknek:

EN 1073-2:2002	(szemcsés radioaktív szennyeződés elleni, nem szellőztetett védőruházat) a TIL 1. osztály teljesítményosztályhoz.
EN14605:2005 + A1:2009	(Folyékony vegyszerek elleni védőruházat) folyékony vegyszerek ellen védelmet nyújtó, az egész testet védő, folyadékszáró (3. típus) és permetzáró (4. típus) kapcsolatokat tartalmazó ruházathoz.
EN ISO 13982-1:2004 + A1:2010	(A levegőben lebegő szilárd részecskék ellen az egész testet védő, vegyszerek elleni védőruházat (5. típusú ruházat).
EN 13034:2005 + A1:2009	(6. típusú ruházat: Folyékony vegyszerek ellen korlátozott védelmet nyújtó, az egész testet védő, korlátozott élettartamú, vegyszerek elleni védőruházat).
EN14126:2003	(Fertőző anyagok elleni védőruházat) a 3-B, 4-B, 5-B, 6-B teljesítményosztályhoz.
EN 1149-5:2008	(Védőruházat – Elektrosztatikus tulajdonságok), a ruházat belső (fehér) felületén $\leq 2,5 \times 10^9 \Omega$ felületi ellenállású elektrosztatikus disszipatív védőruházathoz.

Megegyezik az EU típusvizsgálat (B modul) tárgyát képező,

GB17/873355

számú, az SGS Fimko Oy, Notified Body 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finnország által kiadott tanúsítvánnyal rendelkező egyéni védőeszközzel.

A gyártási folyamat minőségbiztosításán (D modul) alapuló megfelelőségértékelési eljárás alá esik, az SGS Fimko Oy (kijelölt tanúsító szervezet, azonosító száma: 0598) ellenőrzése alatt.

A luxembourgi DuPont de Nemours (Luxembourg) s.à r.l. nevében az aláíró:

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



ES PROHLÁŠENÍ O SHODĚ

My, společnost DuPont de Nemours (Luxembourg) s.à r.l., prohlašujeme o osobním ochranném prostředku

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Je ve shodě s relevantními harmonizačními právními ustanoveními Evropské unie dle nařízení EU 2016/425.

Je ve shodě s požadavky na osobní ochranné prostředky kategorie III.

Splňuje minimální požadavky specifikované harmonizovanými produktovými normami:

EN 1073-2:2002	(ochranné oděvy bez nucené ventilace proti kontaminaci radioaktivními částicemi) pro klasifikaci účinnosti TIL třídy 1.
EN14605:2005 + A1:2009	(Ochranné oděvy proti kapalným chemikáliím) pro ochranu celého těla proti kapalným chemikáliím se spoji nepropustnými proti kapalinám (typ 3) nebo nepropustnými proti postřiku ve formě spreje (typ 4).
EN ISO 13982-1:2004 + A1:2010	(Ochranné oděvy proti chemikáliím poskytující ochranu celého těla proti polétavým pevným částicím (typ 5).
EN 13034:2005 + A1:2009	(Typ 6: Celotělové protichemické ochranné oděvy s omezenou životností poskytující omezenou ochranu proti kapalným chemikáliím).
EN14126:2003	(Ochranné oděvy proti infekčním agens) pro klasifikaci účinnosti 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Ochranné oděvy – Elektrostatické vlastnosti) pro elektrostaticky disipativní ochranné oděvy s povrchovým odporem $\leq 2,5 \times 10^9 \Omega$ na vnitřním (bílém) povrchu oděvu.

Je identický s osobním ochranným prostředkem, který je předmětem certifikátu EU přezkoušení typu (modul B) č.

GB17/873355

vydaného orgánem SGS Fimko Oy s číslem notifikovaného orgánu 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finsko.

Je předmětem postupu pro posuzování shody založeného na ověřování kvality výrobního postupu (modul D) pod dohledem notifikovaného orgánu SGS Fimko Oy, číslo notifikovaného orgánu 0598.

V Lucembursku za společnost DuPont de Nemours (Luxembourg) s.à r.l.
podepsal

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



ЕУ ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ

Ние, DuPont de Nemours (Люксембург) s.à r.l., декларираме, че личните предпазни средства (ЛПС)

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са в съответствие с разпоредбите на законодателството за хармонизация на Европейския съюз в Регламент 2016/425 на ЕС;

са в съответствие с изискванията за ЛПС от категория III.

Отговарят на минималните изисквания, посочени в хармонизираните стандарти за продуктите:

EN 1073-2:2002	(непроветряемо защитно облекло срещу замърсяване с радиоактивни частици) за класификация на ефективността TIL клас 1.
EN14605:2005 + A1:2009	(Защитни облекла срещу течни химични продукти) за защита на цяло тяло срещу течни химични продукти с връзки между отделните части на облеклото, непроникливи на течности (тип 3) и аерозоли (тип 4).
EN ISO 13982-1:2004 + A1:2010	(Защитни облекла срещу химични продукти, осигуряващи защита на цялото тяло от твърди частици във въздуха (тип 5).
EN 13034:2005 + A1:2009	(Тип 6: защитни облекла за цялото тяло с ограничен срок на експлоатация, предлагащи ограничена защита срещу течни химични продукти).
EN14126:2003	(Защитни облекла срещу причинители на инфекции) за класификация за изпълнението 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Защитно облекло — Електростатични свойства) за защитно облекло с разсейване на електростатичен заряд, повърхностно съпротивление $\leq 2,5 \times 10^9 \Omega$ от вътрешната (бялата) повърхност на дрехата.

са идентични с ЛПС, които са обект на сертификата за типово изпитване на ЕС (модул B) с №

GB17/873355

издаден от SGS Fimko Oy, нотифициран орган 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Финландия;

са обект на процедурата за оценка на съответствието въз основа на осигуряване на качеството на производството (модул D) под надзора на нотифицирания орган SGS Fimko Oy, номер на нотифицирания орган 0598.

Подписано от името на DuPont de Nemours (Люксембург) s.à r.l в
Люксембург,

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



VYHLÁSENIE O ZHODE PRE VÝROBK OZNAČENÝ ZNAČKOU EU

My, spoločnosť DuPont de Nemours (Luxembourg) s.à r.l., vyhlasujeme, že tento osobný ochranný prostriedok

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je v zhode s príslušnými ustanoveniami harmonizačnej legislatívy Európskej únie uvedenými v nariadení Európskeho parlamentu a Rady (EÚ) 2016/425.

je v zhode s požiadavkami na osobné ochranné prostriedky kategórie III.

spĺňa minimálne požiadavky špecifikované harmonizovanými produktovými normami:

EN 1073-2:2002	(ochranné odevy bez nútenej ventilácie proti kontaminácii rádioaktívnymi časticami) na klasifikáciu funkčných vlastností triedy TIL 1.
EN14605:2005 + A1:2009	(ochranné odevy proti kvapalným chemikáliám) na ochranu celého tela proti kvapalným chemikáliám s kvapalinotesnými (typ 3) alebo sprejotesnými (typ 4) spojmami.
EN ISO 13982-1:2004 + A1:2010	(protichemické ochranné odevy zabezpečujúce ochranu celého tela pred vzduchom sa šíriacim tuhým časticami (typ 5).
EN 13034:2005 + A1:2009	(typ 6: celotelové protichemické ochranné odevy s obmedzenou životnosťou poskytujúce obmedzenú ochranu proti kvapalným chemikáliám).
EN14126:2003	(ochranné odevy proti nositeľom nákazy) na klasifikáciu funkčných vlastností 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(ochranné odevy – elektrostatické vlastnosti) pre ochranné odevy odvádzajúce elektrostatický náboj s povrchovým odporom $\leq 2,5 \times 10^9 \Omega$ na vnútornom (bielom) povrchu odevu.

je identický s osobným ochranným prostriedkom, ktorý je predmetom certifikátu typovej skúšky pre EÚ (modul B) č.

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vydaného spoločnosťou SGS Fimko Oy, číslo notifikovaného orgánu 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Fínsko.

je predmetom postupu vyhodnocovania zhody založeného na hodnotení kvality výrobného procesu (modul D) pod dohľadom notifikovaného orgánu SGS Fimko Oy, číslo notifikovaného orgánu 0598.

Podpísané za spoločnosť DuPont de Nemours (Luxembourg) s.à r.l.
v Luxemburgu,

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



IZJAVA O SKLADNOSTI EU

Mi, DuPont de Nemours (Luxembourg) s.à r.l., izjavljamo, da za osebno zaščitno opremo velja naslednje:

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Je skladna z relevantnimi določbami zakonodaje Evropske Unije o harmonizaciji v Uredbi EU 2016/425.

Je skladna z zahtevami za osebno zaščitno opremo kategorije III.

Izpolnjuje minimalne zahteve, ki jih določajo harmonizirani standardi za izdelke:

EN 1073-2:2002	(zaščitna obleka brez prezračevanja, ki ščiti pred onesnaženjem z radioaktivnimi delci) za razvrstitev zmogljivosti v TIL, razred 1.
EN14605:2005 + A1:2009	(Obleka za zaščito pred tekočimi kemikalijami) za zaščito celotnega telesa pred tekočimi kemikalijami s povezavami, neprepustnimi za vodo (tip 3) in z zatesnjenimi spoji (tip 4).
EN ISO 13982-1:2004 + A1:2010	(Obleka za zaščito pred kemikalijami, ki ščiti celotno telo pred trdnimi delci, izvrženimi v zrak (tip 5).
EN 13034:2005 + A1:2009	(Tip 6: obleka za zaščito pred kemikalijami z omejeno življenjsko dobo, ki ščiti celotno telo in omogoča omejeno zaščito pred tekočimi kemikalijami).
EN14126:2003	(Zaščitna obleka proti povzročiteljem okužb) za razvrstitev zmogljivosti 3-B, 4-B, 5-B in 6-B.
EN 1149-5:2008	(Zaščitna obleka – elektrostatične lastnosti) za elektrostatično disipacijsko zaščitno obleko z upornostjo površine $\leq 2,5 \times 10^9 \Omega$ na notranji (beli) površini obleke.

Je identična osebni zaščitni opremi, ki je predmet certifikata preizkusa tipa EU (modul B) št.

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ki ga je izdalo podjetje SGS Fimko Oy, priglasitveni organ 0598, Box 30 (Särkiniementie 3), 00211 HELSINKI, Finska.

Je predmet postopka ocenjevanja skladnosti na podlagi potrdila o kakovosti v proizvodnem procesu (modul D) pod nadzorom priglasitvenega organa SGS Fimko Oy, priglasitveni organ številka 0598.

Podpisano za podjetje DuPont de Nemours (Luxembourg) s.à r.l v kraju
Luxembourg,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



DECLARAȚIE DE CONFORMITATE EU

Noi, DuPont de Nemours (Luxembourg) s.à r.l., declarăm că echipamentul de protecție personală

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este în conformitate cu prevederile legislației relevante de armonizare ale Uniunii Europene din Regulamentul UE 2016/425.

este în conformitate cu cerințele pentru echipamentele de protecție personală din categoria III.

îndeplinește cerințele minime specificate de standardele armonizate pentru produse:

EN 1073-2:2002	(îmbrăcăminte neventilată de protecție împotriva contaminării cu particule radioactive) pentru o clasificare a performanțelor în Clasa TIL 1.
EN14605:2005 + A1:2009	(îmbrăcăminte de protecție împotriva substanțelor chimice lichide) pentru protecție corporală completă împotriva substanțelor chimice lichide cu conexiuni impermeabile la lichide (Tipul 3) și la pulverizare (Tipul 4).
EN ISO 13982-1:2004 + A1:2010	(îmbrăcăminte de protecție chimică împotriva particulelor solide aerogene pentru întregul corp (Tipul 5).
EN 13034:2005 + A1:2009	(Tipul 6: îmbrăcăminte de protecție chimică, cu durată de viață limitată, pentru întregul corp, care oferă o protecție limitată împotriva substanțelor chimice lichide).
EN14126:2003	(îmbrăcăminte de protecție împotriva agenților infecțioși) pentru clasificările de performanțe 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(îmbrăcăminte de protecție - proprietăți electrostatice) pentru îmbrăcăminte de protecție cu proprietăți de disipare electrostatică, cu o rezistență a suprafeței de $\leq 2,5 \times 10^9 \Omega$ în partea interioară (albă).

Este identic cu echipamentele de protecție personală supuse omologării UE (Modulul B), nr. de certificat

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emis de SGS Fimko Oy, număr de organism notificat 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finlanda.

Se supune procedurii de evaluare a conformității bazate pe asigurarea calității procesului de producție (Modulul D) sub supravegherea organismului notificat SGS Fimko Oy, număr de organism notificat 0598.

Semnat pentru DuPont de Nemours (Luxembourg) s.à r.l în Luxemburg,

20.Mar.19

M. Raschella
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EU ATITIKTIES DEKLARACIJA

Mes, „DuPont de Nemours (Luxembourg) s.à r.l.“, deklaruojame, kad AAP

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Atitinka Reglamento ES 2016/425 susijusias Europos Sąjungos derinamųjų teisės aktų nuostatas.

Atitinka reikalavimus III kategorijos AAP.

Tenkina minimalius reikalavimus, nurodytus darniuosiuose produktų standartuose:

EN 1073-2:2002	(neventiliuojamoji apsauginė apranga nuo taršos radioaktyviosiomis dulkėmis) TIL 1 klasės charakteristikų klasifikacijai.
EN14605:2005 + A1:2009	(Apsauginė apranga nuo skystųjų chemikalų) viso kūno apsaugai nuo skystųjų chemikalų su skysčiams (3 tipo apranga) ir purškimui nepralaidžiomis jungtimis (4 tipo apranga).
EN ISO 13982-1:2004 + A1:2010	(Apsauganti nuo chemikalų apranga, teikianti visam kūnui apsaugą nuo ore esančių kietųjų dalelių (5 tipo apranga).
EN 13034:2005 + A1:2009	(6 tipo įranga. Trumpalaikė apsauganti nuo chemikalų apranga, teikianti visam kūnui apsaugą nuo skystųjų chemikalų).
EN14126:2003	(Apsauginė apranga nuo infekcinių agentų) 3-B, 4-B, 5-B, 6-B charakteristikų klasifikacijai.
EN 1149-5:2008	(Apsauginė apranga – elektrostatinės savybės) elektrostatinį krūvį sklaidančiai apsauginei aprangai, kurios paviršinė varža $\leq 2,5 \times 10^9 \Omega$ drabužio vidiniame (baltame) paviršiuje.

Yra identiška AAP, kuriai taikomas ES tipo tyrimas (B modulis), sertifikato Nr.

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išdavė „SGS Fimko Oy“, notifikuotoji įstaiga 0598, Box 30 (Särkiniementie 3), 00211 HELSINKI, Suomija.

Taikoma atitikties vertinimo procedūra, pagrįsta gamybos proceso kokybės užtikrinimu (D modelis) kontroliuojant notifikuotajai įstaigai „SGS Fimko Oy“, notifikuotosios įstaigos numeris 0598.

Pasirašyta „DuPont de Nemours (Luxembourg) s.à r.l.“ vardu Liuksemburge,

20.Mar.19

M. Raschellà
Tyvek® Quality Specialist



EU ATBILSTĪBAS DEKLARĀCIJA

Mēs, DuPont de Nemours (Luxembourg) s.à r.l., paziņojam, ka individuālais aizsardzības līdzeklis

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Atbilst Regulā ES 2016/425 noteiktajām attiecīgajām Eiropas Savienības saskaņošanas tiesību aktu prasībām.

Atbilst III kategorijas individuālā aizsardzības līdzekļa prasībām.

Atbilst minimālajām prasībām, kas norādītas saskaņotajos ražojumu standartos:

EN 1073-2:2002	(neventilēts aizsargapģērbs pret saindēšanos ar radioaktīvām daļiņām), TIL 1. kategorijas veikspēja.
EN14605:2005 + A1:2009	(Aizsargapģērbs pret šķidrajām ķimikālijām) visa ķermeņa aizsardzībai pret šķidrajām ķimikālijām ar šķidrumu necaurlaidīgiem (3. tips) un izsmidzinātu šķidrumu necaurlaidīgiem (4. tips) savienojumiem starp apģērba daļām.
EN ISO 13982-1:2004 + A1:2010	(Pretķīmiskais aizsargapģērbs, kas nodrošina pilnu ķermeņa aizsardzību pret gaisā emitētām cietajām daļiņām (5. tips)).
EN 13034:2005 + A1:2009	(6. tips: visa ķermeņa pretķīmiskais aizsargapģērbs ar ierobežotu veikspēju pret šķidrajām ķimikālijām un ierobežotu kalpošanas ilgumu).
EN14126:2003	(Aizsargapģērbs pret infekcijas izraisošiem mikroorganismiem), veikspējas klase 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Aizsargapģērbs — elektrostātiskās īpašības), elektrostātiskos lādiņus izkliedējošs aizsargapģērbs ar tērpa iekšējās (baltās) virsmas pretestību $\leq 2,5 \times 10^9 \Omega$.

Ir identisks individuālajam aizsardzības līdzeklim, uz ko attiecas ES tipu pārbaude (B modulis), sertifikāts nr.

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kuru izsniedz SGS Fimko Oy, paziņotās struktūras numurs 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Somija.

Uz individuālo aizsardzības līdzekli attiecas atbilstības novērtēšanas procedūra, kuras pamatā ir ražošanas procesa kvalitātes nodrošināšana (D modulis) un kuru uzrauga paziņotā struktūra SGS Fimko Oy, paziņotās struktūras numurs 0598.

Parakstīts DuPont de Nemours (Luxembourg) s.à r.l. vārdā Luksemburgā

20.Mar.19

M. Raschella
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EU VASTAVUSDEKLARATSIOON

Meie, DuPont de Nemours (Luxembourg) s.à r.l., deklareerime isikukaitsevahendite kohta järgmist.

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Vastavad määruse (EL) 2016/425 asjakohastele Euroopa Liidu ühtlustamisõigusaktide sätetele.

Vastavad III kategooria isikukaitsevahenditele kohalduvatele nõuetele.

Täidavad järgmiste harmoneeritud tootestandardite miinimumnõudeid:

EN 1073-2:2002	(mitteventileeritavad kaitserõivad kaitseks radioaktiivsete tolmuosakeste saaste eest) vastupidavusklassi TIL 1. klass nõuded;
EN14605:2005 + A1:2009	(Vedelate kemikaalide eest kaitsev riietus) kogu keha kaitseks vedelate kemikaalide eest, vedelikukindlate (3. tüüp) ja pritsmekindlate (4. tüüp) ühendustega;
EN ISO 13982-1:2004 + A1:2010	(Kemikaalide eest kaitsev riietus, mis tagab kogu keha kaitse lendlevate aineosakeste eest (5. tüüp));
EN 13034:2005 + A1:2009	(6. tüüp: vedelate kemikaalide eest piiratud kaitset pakkuv kogu keha kemikaalide eest kaitsev piiratud kasutuseaga riietus);
EN14126:2003	(Nakkuslike ainete eest kaitsev kaitseriietus) klassifikatsiooniga 3-B, 4-B, 5-B, 6-B;
EN 1149-5:2008	(Kaitseriietus. Elektrostaatilised omadused.) elektrostaatilist laengut hajutav kaitseriietus, mille pinnatakistus rõiva (valgel) sisepinnal on $\leq 2,5 \times 10^9 \Omega$.

On identsed isikukaitsevahenditega, millele kohaldub Euroopa Liidu tüübihindamise (Mooduli B) sertifikaat nr

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ja mille on välja andnud SGS Fimko Oy, teavitatud asutus 0598, üksus 30 (Särkiniementie 3), 00211 HELSINKI, Soome.

On teavitatud asutuse SGS Fimko Oy, teavitatud asutuse number 0598, järelevalve all teostatava tootmisprotsessi (Moodul D) kvaliteeditagamisel põhineva vastavushindamise subjekt.

Ettevõtte DuPont de Nemours (Luxembourg) s.à r.l nimel Luksemburgis
allkirjastanud

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



EU UYGUNLUK BEYANI

DuPont de Nemours (Lüksemburg) s.à r.l. olarak KKD'nin aşağıdaki şartları karşıldığını beyan ederiz:

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2016/425 sayılı (AB) Tüzükteki ilgili Avrupa Birliği uyumlaştırma mevzuatı hükümlerine uygundur.

Kategori III'deki KKD gereksinimlerine uygundur.

Uyumlaştırılmış ürün standartlarının belirttiği aşağıdaki asgari gereksinimleri yerine getirir:

EN 1073-2:2002	(radyoaktif partikül kontaminasyonuna karşı havalandırmaz koruyucu giysi) TIL Sınıf 1 performans standardı için.
EN14605:2005 + A1:2009	(Sıvı kimyasallara karşı koruyucu giysi) sıvı kimyasallara karşı sıvıya dayanıklı (Tip 3) ve spreye dayanıklı (Tip 4) bağlantılara sahip tam vücut koruması için.
EN ISO 13982-1:2004 + A1:2010	(Havada uçuşan katı partiküllere karşı tam vücut koruması sağlayan kimyasal koruyucu giysi (Tip 5).
EN 13034:2005 + A1:2009	(Tip 6: Sıvı kimyasallara karşı sınırlı koruma sağlayan sınırlı kullanım ömrüne sahip, tam vücut kimyasal koruyucu giysi).
EN14126:2003	(Hastalık bulaştırıcı maddelere karşı koruyucu giysi) 3-B, 4-B, 5-B ve 6-B performans sınıfı için.
EN 1149-5:2008	(Koruyucu giysi - Elektrostatik özellikler) tulumun iç (beyaz) yüzeyinde $\leq 2,5 \times 10^9 \Omega$ yüzey direncine sahip elektrostatik yük yayıcı koruyucu giysi için.

P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finlandiya adresinde bulunan 0598 numaralı,

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SGS Fimko Oy tarafından verilen AB tip incelemesi (Modül B) sertifika no. GBXXX'e tabi KKD ile aynıdır.

0598 numaralı Onaylı Kuruluş SGS Fimko Oy gözetimi altında üretim prosesinin kalite güvencesine (Modül D) dayalı uygunluk değerlendirme prosedürüne tabidir.

Lüksemburg'daki DuPont de Nemours (Lüksemburg) s.à r.l. adına imzalayan,

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΥ

Εμείς, η DuPont de Nemours (Luxembourg) s.à r.l., δηλώνουμε ότι τα ΜΑΠ

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Συμμορφώνονται με τις αντίστοιχες διατάξεις της ενωσιακής νομοθεσίας εναρμόνισης του Κανονισμού ΕΕ 2016/425.

Συμμορφώνονται με τις απαιτήσεις για ΜΑΠ κατηγορίας III.

Πληρούν τις ελάχιστες απαιτήσεις που προβλέπονται από τα εναρμονισμένα πρότυπα προϊόντων:

EN 1073-2:2002	(μη εξαεριζόμενος προστατευτικός ρουχισμός έναντι μόλυνσης από ραδιενεργά σωματίδια) για την κατηγορία απόδοσης συνολικής διαρροής προς το εσωτερικό (TIL) 1.
EN14605:2005 + A1:2009	(Προστατευτικός ρουχισμός έναντι υγρών χημικών ουσιών) για προστασία ολόκληρου του σώματος από υγρές χημικές ουσίες με στεγανούς συνδέσμους προστασίας από υγρά (Τύπος 3) και από ψεκασμό (Τύπος 4).
EN ISO 13982-1:2004 + A1:2010	(Προστατευτικός ρουχισμός έναντι χημικών ουσιών που παρέχει προστασία ολόκληρου του σώματος από αερομεταφερόμενα στερεά σωματίδια (Τύπος 5).
EN 13034:2005 + A1:2009	(Τύπος 6: Προστατευτικός ρουχισμός ολόκληρου του σώματος έναντι χημικών ουσιών, περιορισμένης διάρκειας ζωής, ο οποίος προσφέρει περιορισμένη προστασία από υγρές χημικές ουσίες).
EN14126:2003	(Προστατευτικός ρουχισμός έναντι μολυσματικών παραγόντων) για την κατηγορία απόδοσης 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Προστατευτικός ρουχισμός - Ηλεκτροστατικές ιδιότητες) για προστατευτικό ρουχισμό διάχυσης στατικού ηλεκτρισμού με επιφανειακή αντίσταση $\leq 2,5 \times 10^9 \Omega$ στην εσωτερική (λευκή) επιφάνεια του ενδύματος.

Είναι ίδια με τον εξοπλισμό που εγκρίνεται με το πιστοποιητικό ελέγχου τύπου της ΕΕ (Ενότητα Β) N°

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που εκδίδεται από την SGS Fimko Oy, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Φινλανδία, με αριθμό αποδέκτη φορέα 0598.

Υποβάλλεται στη διαδικασία αξιολόγησης συμμόρφωσης με βάση τη διασφάλιση ποιότητας της διαδικασίας παραγωγής (Ενότητα D) υπό την εποπτεία της αποδέκτριας εταιρείας SGS Fimko Oy, με αριθμό αποδέκτη φορέα 0598.

Υπογράφεται για την DuPont de Nemours (Luxembourg) s.à r.l. στο
Λουξεμβούργο,

20.Mar.19

M. Raschella
Tyvek® Quality Specialist



ДЕКЛАРАЦИЯ О СООТВЕТСТВИИ EU

Компания DuPont de Nemours (Luxembourg) s.à r.l., заявляет, что СИЗ

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Отвечает соответствующим положениям Регламента ЕС 2016/425 о гармонизации законодательства.

Соответствует требованиям к СИЗ категории III.

Отвечает минимальным требованиям, указанным в гармонизированных стандартах на продукцию:

EN 1073-2:2002	(невентилируемая специальная одежда для защиты от воздействия загрязнения радиоактивными веществами) относительно эксплуатационных характеристик TIL класс 1
EN14605:2005 + A1:2009	(одежда для защиты от жидких реагентов) относительно защиты всего тела от жидких реагентов с непроницаемыми для жидкости (тип 3) и брызгонепроницаемыми (тип 4) соединениями
EN ISO 13982-1:2004 + A1:2010	(одежда для химической защиты всего тела от взвешенных в воздухе частиц, тип 5)
EN 13034:2005 + A1:2009	(тип 6: одежда для ограниченной защиты всего тела от жидких реагентов)
EN14126:2003	(одежда для защиты от инфекционных веществ) относительно эксплуатационных характеристик 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(защитная одежда, электростатические свойства) относительно защитной одежды, рассеивающей электростатический заряд, с поверхностным сопротивлением $\leq 2,5 \times 10^9$ ом на внутренней (белой) поверхности одежды.

Аналогично СИЗ, которое является предметом сертификата ЕС на соответствие требованиям типовых испытаний (модуль B) №

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выданного организацией SGS SGS Fimko Oy (идентификационный номер уполномоченного органа: 0598), P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finland. (Финляндия).

Подлежит процедуре оценки соответствия, основанной на контроле качества процесса производства (модуль D) под надзором уполномоченного органа SGS SGS Fimko Oy (идентификационный номер уполномоченного органа: 0598).

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IZJAVA O USKLAĐENOSTI (EU)

Mi, DuPont de Nemours (Luksemburg) s.à r.l., izjavljujemo da je osobna zaštitna oprema

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u skladu s odgovarajućim zakonskim odredbama Europske unije o usklađenosti u okviru Uredbe EU 2016/425

u skladu sa zahtjevima za osobnu zaštitnu opremu III. kategorije

ispunjava minimalne zahtjeve navedene u normama za usklađenost proizvoda:

EN 1073-2:2002	(Neventilirana odjeća za zaštitu od kontaminacije radioaktivnim česticama) za razvrstavanje izvedbe u 1. razred prema TIL-u.
EN14605:2005 + A1:2009	(Zaštitna odjeća koja štiti od tekućih kemikalija) za zaštitu cijelog tijela od tekućih kemikalija čiji su šavovi nepropusni za tekućinu (vrsta 3) i raspršivanje (vrsta 4).
EN ISO 13982-1:2004 + A1:2010	(Odjeća za zaštitu od kemikalija koja štiti cijelo tijelo od lebdećih čvrstih čestica (vrsta 5).
EN 13034:2005 + A1:2009	(Vrsta 6.: zaštitna odjeća koja ograničenom učinkovitošću štiti cijelo tijelo od tekućih kemikalija).
EN14126:2003	(Zaštitna odjeća koja štiti od infektivnih sredstava) za razvrstavanje izvedbe u razrede 3-B, 4-B, 5-B, 6-B.
EN 1149-5:2008	(Zaštitna odjeća – elektrostatička svojstva) za zaštitnu odjeću s elektrostatičkim svojstvima površinske otpornosti od $\leq 2,5 \times 10^9 \Omega$ na unutrašnjoj (bijeloj) površini odjeće.

jednaka osobnoj zaštitnoj opremi koja podliježe ispitivanju EU-a (modul B) s certifikatom br.

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koji izdaje tvrtka SGS Fimko Oy, ovlašteno tijelo 0598, P.O. Box 30 (Särkiniementie 3), 00211 HELSINKI, Finska.

podliježe procjeni usklađenosti koja se temelji na osiguranju kvalitete proizvodnog postupka (modul D) u okviru nadzora koji provodi ovlašteno tijelo SGS Fimko Oy, broj ovlaštenog tijela 0598.

Potpisao u ime tvrtke DuPont de Nemours (Luksemburg) s.à r.l u
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