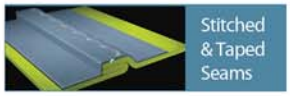
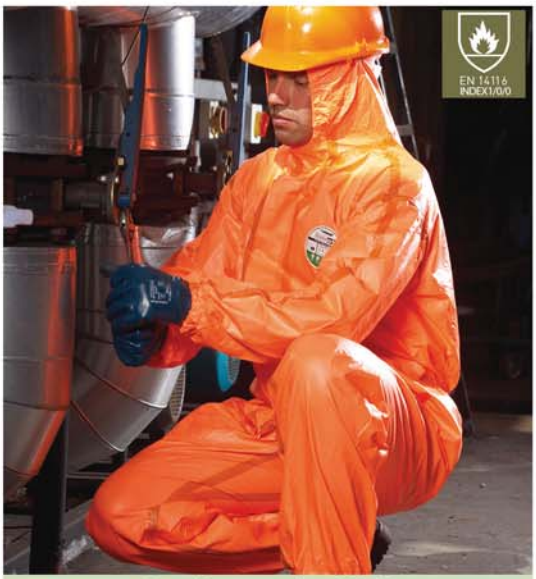
Pyrolon®



Lakeland Pyrolon® Coveralls combine Type 3 & 4 chemical protection with unique FR properties. Pyrolon® fabrics will not ignite and burn so can be safely used where contact with flame may be a hazard. Remember it is the total predicted body burn % result that is crucial to your survival, we publish the facts , it may just save your life by checking this test result with other products on the market.



Product code CRFR

Pyrolon® CRFR (chemical repellent / flame retardant) - 144gsm

- EN 14116 with Type 3 & 4 chemical protection /NFPA 2113 5.1.9.
- Thermal Mannequin Testing shows Total Predicted Body Burn of 24% of 1st degree burn only when worn over TPG.
- Outer FR PVC barrier film laminated to proprietary nonwoven substrate of viscose rayon.
- Fabric will not ignite or burn: chars at temperature lower than its ignition point.
- Exceptionally soft and flexible fabric for superior comfort.
- Can be worn over woven FR garments without compromising flame and heat protection.

Physical Properties					
Flame Retardant EN 14116			Index 1 : Should not be worn next to the skin		
Property	EN Standard	CE Class	Property	EN Standard	CE Class
Abrasion Resistance	EN 530	6	Tensile Strength	EN 13934	3
Flex Cracking	ISO 7854	5	Puncture Resistance	EN 863	2
Trapezoidal Tear	ISO 9073	2	Burst Strength	ISO 2960	2
Seam Strength	ISO 5082	4	Permeation test data on Pyrolon® available separately.		

Pyrolon® Styles

Style code 428
Coverall with hood, cuffs,waist & ankles. Double front zip fastening, cushioned kneepads
Sizes: S - XXXL

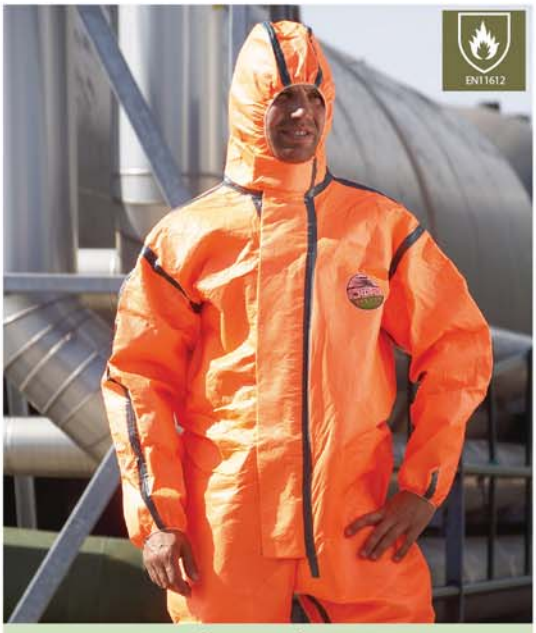
Style code 527
Smock / Gown with rear entry / ties and elasticated cuffs
Sizes: M - XL

Style code 025
Apron with ties
Sizes: M - XL

Style code 023NS
Overboots with anti-slip sole
Sizes: L - XL

Pyrolon® garments are available as standard in the Lakeland Super-B style with three-piece hood, crotch gusset, inset sleeves and double zip/storm flap. (except Pyrolon® TPCR)

Available in: Orange (Pyrolon® CRFR and TPCR) Grey (Pyrolon® CRFR)



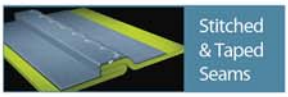
Product code TPCR

Pyrolon® TPCR (thermal / chemical protection) - 330gsm

- Unique combination of thermal protection to standard EN 11612 and chemical protection to Type 3 & 4.
- Can REPLACE woven FR garments in areas where FR protection and chemical protection is required or in very dirty / stressed environments - can reduce wastage of FR coveralls.
- Excellent arc flash protection - tested to 21 cals/cm^2.
- Tough and durable fabric - may be used multiple times if uncontaminated, clean and undamaged.

Flame and Heat Protection EN 11612	A1 : Class 1 & 2 / A2 : Class 1 & 2 / B1 / C1/ D1/ E1/ F1		
Electric Arc Protection EN 61482-1-2	Class 1 / ASTM F1959M-06A : 21.9 cal/cm^2		
Physical Properties			
		Pyrolon® TPCR	Brand H
Property	EN Standard	CE Class	CE Class
Abrasion Resistance	EN 530	6	6
Flex Cracking	ISO 7854	5	1
Trapezoidal Tear	ISO 9073	2	5
Tensile Strength	EN 13934	3	5
Puncture Resistance	EN 863	2	2
Seam Strength	ISO 5082	4	5
Permeation and Penetration test data on Pyrolon® available separately.			

Pyrolon® CB-FR



NFPA 2113

Maximum Protection!

- Advanced chemical barrier
- Self extinguishing
- Won't melt or drip
- Meets the NFPA 2113 requirements for section 5.1.9.
- Designed to be worn over primary FR protective clothing, for environments where both chemical exposures and flash fire are a concern

Specifications:

Fabric: Pyrolon® CB-FR

Standard: NFPA 2113, section 5.1.9

ASTM Burn Data: 7.65% body burn when worn over Lakeland 6.5 oz. DH FR Coveralls

Maximum Features!

Pyrolon® CB-FR Styles

Style code 52151

Coverall, respirator-fit hood, storm flap over zipper, elastic face, wrists, attached boots

Sizes: S - 5XL

Case Pack: 6

Style code 52132

Coverall, respirator fit hood, storm flap over zipper, elastic face, wrists and ankles

Sizes: S - 5XL

Case Pack: 6

Available in: Dark Blue

Pyrolon® CB-FR

Pyrolon® CB-FR Physical Properties Physical Properties

Physical Property	Test Method	Units	Test Results
Basis Weight	ASTM D3776	oz/y^2	7.16 oz/y^2
Thickness	ASTM D1777	mils	12
Grab Tensile MD	ASTM D5034	lbs.	55.2 lbs.
Grab Tensile XD	ASTM D5034	lbs.	42.88 lbs.
Mullenburst	ASTM D3786	psi	32.5
Trapezoidal Tear MD	ASTM D5587	lbs.	16.28 lbs.
Trapezoidal Tear CD	ASTM D5587	lbs.	24.08 lbs.

Pyrolon® CB-FR Permeation Testing - ASTM F1001

Chemical	CAS Number	Physical State	Concentration	ASTM F739	EN 369
Acetone	67-64-1	Liquid	99%	>480	>480
Acetonitrile	75-05-8	Liquid	99%	>480	>480
Acrylonitrile	107-13-1	Liquid	99%	>480	>480
Benzene	71-43-2	Liquid	99%	>480	>480
Carbon Disulfide	75-15-0	Liquid	99%	>480	>480
Crude Oil	Various	Liquid	Mixture	58	>480
Dichloromethane	75-09-2	Liquid	99%	>480	>480
Diesel Fuel	Various	Liquid	Mixture	>480	>480
Diethylamine (DEA)	109-89-7	Liquid	99%	130	309
Dimethylformamide (DMF)	68-12-2	Liquid	99%	>480	>480
Ethyl Acetate	141-78-6	Liquid	99%	>480	>480
Gasoline	Various	Liquid	Mixture	138	>480
Hydroflouric Acid	7664-39-3	Liquid	48%	>480	>480
n-Hexane	110-54-3	Liquid	99%	>480	>480
Methanol	67-56-1	Liquid	99%	25	33
Nitrobenzene	98-95-3	Liquid	99%	>480	>480
Sodium Hydroxide, 50%	1310-73-2	Liquid	50%	>480	>480
Sulfuric Acid 93.1% 66˚B	7664-93-9	Liquid	93%	>480	>480
Tetrachloroethylene (perc)	127-18-4	Liquid	99%	>480	>480
Tetrahydrofuran (THF)	109-99-9	Liquid	99%	13	21
Toluene	108-88-3	Liquid	99%	>480	>480
Gases					
Ammonia Anhydrous	7664-41-7	Gas	99%	>480	>480
1, 3-Butadiene inhibited 99%	106-99-0	Gas	99%	>480	>480
Chlorine 99.5%	7782-50-5	Gas	99%	>480	>480
Ethylene Oxide 99.7%	75-21-8	Gas	99%	>480	>480
Hydrogen Chloride 99%	7647-01-0	Gas	99%	182	>480
Methyl Chloride 99.5%	74-87-3	Gas	99%	>480	>480

Note: Chemical Resistance Data is in accordance with ASTM F739 test method. Testing is performed on fabric samples only, not finished garments. Sources for all test data are independent laboratories. All tests were performed under laboratory conditions and not actual use conditions.

Pyrolon® CB-FR Predicted Body Burn when worn over a Lakeland 6.5 oz. DH FR Coverall

(includes the head)

Burn	2nd Degree	3rd Degree	Average
Garment 1	0%	6.56%	6.56%
Garment 2	0.82%	6.56%	7.38%
Garment 3	2.46%	6.56%	9.02%
Overall Average			**7.65%**

Why use Pyrolon® ?

When should Pyrolon® FR chemical suits be used?

Why do standard chemical suits compromise thermal protection?

EN 14116 and Flame and Heat Protection

Many applications require both thermal protection and chemical protection. How do you provide both?

Currently users often wear a Thermal Protective Garment (TPG) for flame protection and wear a standard chemical suit OVER it for chemical protection.

This creates a HAZARD!

Why?

Standard chemical suit fabrics are based on polypropylene/ polyethylene and in contact with flames will ignite and burn

Being thermoplastic they will melt and drip, adhering to the TPG fabric below, transferring heat energy to the skin beneath and to other surfaces, thus potentially spreading the fire.	In a flash fire situation this will dramatically increase the heat energy contacting the skin and thus the incidence of body burn.	Even in the case of contact with a small flame, a standard chemical suit fabric may ignite and cause burns.

Wearing a standard chemical suit over a TPG can dramatically compromise thermal protection.

EN 14116 INDEX1/0/0

EN Standard - EN 14116

Protection against Heat and Flame Limited Flame Spread

This standard measures the tendency of a fabric to ignite and propogate a flame, using the vertical flame test method EN 15025 which applies a flame to the centre or bottom edge of a fabric sample. Index 1 requires that any flame should not propogate to the top or sides of the fabric, that there should be no flaming debris or drips and that there should be no spreading afterglow once burning has ceased. It does however allow the flame contact to form a hole in the fabric.

Thus certification to EN 14116 Index 1 indicates a fabric that will not ignite in contact with a flame.

However it provides NO protection against flame and should not be worn next to the skin.

Lakeland Pyrolon® garments use a unique, viscose-based fabric which will not ignite. **(certified to EN 14116 Index 1)** However, Pyrolon® TPCR offers full thermal protection to EN 11612 and can REPLACE a standard thermal protective garment.

Thermal Mannequin Testing: Predicted Body Burn

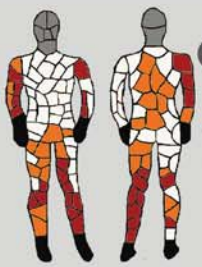
Thermal Mannequin Testing is optional in EN 11612 for thermal protective garments and provides a method of predicting percentage body burn in a flash fire situation and therefore the effectiveness of the protection provides.

The body maps below show the predicted body burn in three tests.
1. A TPG only (Nomex® IIIA).
2. A TPG with a standard disposable chemical suit worn over it.
3. A TPG with Pyrolon® CRFR worn over it.

1 A TPG only (Nomex® IIIA)

Predicted body burn = 37%

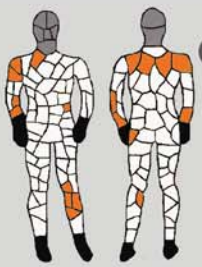
1st degree burns only



2 A TPG with a standard disposable chemical suit worn over it

Predicted body burn = 53%

1st and 2nd degree burns (red = 2nd degree burns)



3 A TPG with Pyrolon® CRFR worn over it

Predicted body burn = 24%

1st degree burns only

The testing shows that wearing a standard chemical suit OVER a TPG will REDUCE thermal protection, whilst wearing a Pyrolon® chemical suit over a TPG will INCREASE thermal protection.

CHEMICAL PROTECTIVE CLOTHING PERMEATING DATA

Chemical	CAS Number	Phase	Conc	ChemMAX 1	ChemMAX 2	ChemMAX 3	ChemMAX 4	Interceptor
				EN369	EN369	EN369	EN369	EN369
Acetic Acid	64-19-7	Liquid	99%	200	>480	>480	470	470
Acetic Anhydride	108-24-7	Liquid	99%	-	>480	>480	-	-
Acetone	67-64-1	Liquid	95%	Imm	>480	>480	>480	>480
Acetonitrile	75-05-8	Liquid	99%	>480	>480	>480	>480	>480
Acetyl Chloride	75-36-5	Liquid	98%	-	-	-	210	210
Acrolein	107-02-8	Liquid	90%	-	11	>480	>480	>480
Acrylic Acid	79-10-7	Liquid	99%	120	>480	>480	430	430
Acrylonitrile	107-13-1	Liquid	99%	-	>480	>480	>480	>480
Allyl Chloride	107-05-1	Liquid	98%	-	-	-	>480	>480
Ammonia	7664-41-7	Liquid	99%	-	-	-	>480	>480
Ammonia Gas	7664-41-7	Gas	100%	Imm	15	>480	>480	>480
Ammonium Fluoride	12125-01-8	Liquid	40%	-	-	-	>480	>480
Amyl Acetate	628-63-7	Liquid	99%	-	-	>480	-	-
Aniline	62-53-3	Liquid	95%	-	>480	>480	-	-
Benzene	71-43-2	Liquid	100%	-	Imm	>480	-	-
Benzonitrile	100-47-0	Liquid	99%	-	-	-	>480	>480
Benzyl Alcohol	100-51-6	Liquid	>95%	-	>480	-	-	-
Benzoyl Chloride	98-88-4	Liquid	98%	-	-	-	-	>480
Bromine	7726-95-6	Liquid	98%	-	Imm	Imm	45	120
Bromochloromethane	74-97-5	Liquid	98%	-	-	-	-	>480
4-Bromofuorobenzene	460-00-4	Liquid	99%	-	-	-	-	>480
Butyl Acrylate	141-32-2	Liquid	99%	-	-	-	-	>480
1,2 Butylene Oxide	106-88-7	Liquid	99%	-	-	-	-	>480
1,3-Butadiene	106-99-0	Gas	99%	Imm	>480	>480	>480	>480
n-Butyl Acetate	123-86-4	Liquid	99%	-	-	-	>480	>480
N-Butanol	71-36-3	Liquid	99%	-	>480	-	-	-
Butyraldehyde	123-72-8	Liquid	99%	-	>480	-	-	-
Carbon Disulfide	75-15-0	Liquid	95%	>480	>480	>480	>480	>480
Carbon Monoxide	630-08-0	Gas	100%	-	>480	320	-	>480
Carbon Tetrachloride	56-23-5	Liquid	99.9%	-	-	-	-	>480
Chlorine Gas	7782-50-5	Gas	99%	Imm	>480	>480	>480	>480
Chloroacetone	78-95-5	Liquid	>95%	-	>480	-	-	-
Chloroacetic Acid (saturated solution)	79-11-8	Liquid	saturated solution	-	-	-	-	>480
Chloroacetyl Chloride	79-04-9	Liquid	98%	-	-	-	-	>480
Chlorobenzene	108-90-7	Liquid	>95%	-	-	9	>480	>480
Chlorosulforic Acid	7790-94-5	Liquid	99%	-	>480	-	>480	>480
Crotonaldehyde	123-73-9	Liquid	99%	-	>480	-	-	-
Cyclohexane	110-82-7	Liquid	99%	-	>480	>480	-	-
Cyclohexanone	108-94-1	Liquid	99%	-	48	-	-	>480
Cyclohexyl Isocyanate	3173-53-3	Liquid	99%	-	5	-	-	>480
Dichloroacetyl Chloride	79-36-7	Liquid	98%	-	-	-	-	400
1,2-Dichloroethane	107-06-2	Liquid	100%	-	>480	>480	-	-
Dichloromethane	75-09-2	Liquid	99.9%	Imm	Imm	>480	>480	>480
1,2-Dichloropropane	78-87-5	Liquid	99%	-	>480	-	-	-
Diesel Fuel	68334-30-5	Liquid	100%	-	-	>480	-	-
Diethylamine	109-89-7	Liquid	99.5%	Imm	15	Imm	>480	>480
N, N-Dimethylaniline	121-69-7	Liquid	99%	-	-	-	>480	>480
Diethylene Glycol (Dimethyl Ether)	111-96-6	Liquid	99%	-	-	-	>480	>480
Diethylenetriamine	111-40-0	Liquid	98%	-	-	-	>480	>480
2,3-Dichloro-1-Propene	78-88-6	Liquid	98%	-	-	-	-	>480
Dimethylamine	124-40-3	Liquid	99%	-	210	-	-	-
Dimethyl Sulfate	77-78-1	Liquid	99%	-	-	-	-	>480
Dimethyl Disulfide	624-92-0	Liquid	99%	-	-	-	-	>480
Dimethyl Ether (gas)	115-10-6	Gas	99%	-	-	-	-	>480
Dimethyl Sulfoxide	67-68-5	Liquid	99.9%	-	-	>480	>480	>480
Dimethylacetamide	127-19-5	Liquid	>95%	-	45	-	-	-
Dimethyl Formamide	68-12-2	Liquid	99%	>480	>480	>480	>480	>480
DI-N-Butyl ether	142-96-1	Liquid	99%	-	-	>480	>480	>480
Dinoseb	88-85-7	Liquid	1000ppm	-	-	>480	-	-
Epichlorohydrin	106-89-8	Liquid	99.9%	-	260	>480	-	-
Ethanol Amine	141-43-5	Liquid	99%	-	-	>480	-	-
Ethyl Acetate	141-78-6	Liquid	99.5%	Imm	>480	>480	>480	>480
Ethyl Acrylate	140-88-5	Liquid	99%	-	-	-	>480	>480
Ethyl Methacrylate	97-63-2	Liquid	99%	-	-	-	>480	>480
Ethyl Parathion	56-38-2	Liquid	100 µg/mil ethanol	-	-	-	-	>480
Ethyl Vinyl Ether	109-92-2	Liquid	99%	-	-	-	-	>480
Ethylamine (gas)	75-04-7	Gas	97%	-	-	-	-	>480
Ethyl Acrylate	140-88-5	Liquid	99%	-	-	-	-	>480
Ethyle Ether	60-29-7	Liquid	98%	-	-	-	>480	>480
Ethylene Oxide	75-21-8	Liquid	99.7%	>480	>480	>480	>480	>480
Ferric Chloride	7705-08-0	Liquid	saturated solution	-	-	-	-	>480
Fluorine (Sodium Fluoride)	7681-49-4	Liquid	99%	>480	-	-	>480	>480
Fluorobenzene	462-06-6	Liquid	99%	-	-	>480	>480	>480
Fluorosilic Acid (25 wt% aqueos sol.)	16961-83-4	Liquid	25%	-	-	-	>480	>480
Ethylene Glycol	107-21-1	Liquid	99%	>480	>480	>480	-	-
Ethyl Benzene	100-41-4	Liquid	98%	-	-	>480	-	-
Ethylene Oxide Gas	75-21-8	Gas	99.7%	>480	>480	>480	>480	>480
Formaldehyde	50-00-0	Liquid	37%	-	>480	>480	-	-

- This is a general guide to selecting garments only, and should not be used as the definitive or only tool in garment selection.
- It is the responsibility of the user to select garments or products which are appropriate for each intended use and which meet all specified government and industry standards.
- The test data is supplied by third-party test institution according to EN369/EN6529 namely the time it takes chemical permeation rate to achieve 0.1ug/cm² /min at constant 23˚C.
- To calculate "Safe Use Time", taking into account the crucial factor of temperature, log on to www.lakeland-permasure.com

CHEMICAL PROTECTIVE CLOTHING PERMEATING DATA

Chemical	CAS Number	Phase	Conc	ChemMAX 1	ChemMAX 2	ChemMAX 3	ChemMAX 4	Interceptor
				EN369	EN369	EN369	EN369	EN369
Formic Acid	64-18-6	Liquid	>95%	>480	>480	>480	>480	>480
Gasoline	86290-81-5	Liquid	100%	-	>480	>480	-	-
Hexachloro-1,3 butadiene	87-68-3	Liquid	99%	-	-	-	>480	>480
Hexamethyldisilazane	999-97-3	Liquid	>95%	-	>480	-	-	-
N-Hexane	110-54-3	Liquid	99.9%	-	>480	>480	>480	>480
Hexamethylene Diisocyanate	822-06-0	Liquid	99%	>480	>480	>480	-	-
Hydrazine Hydrate (64% hydrazine)	10217-52-4	Liquid	100%	-	-	-	-	>480
Hydrochloric Acid	7647-01-0	Liquid	37%	420	>480	>480	>480	>480
Hydrofluoric Acid	7664-39-3	Liquid	48-50%	-	>480	>480	220	>480
Hydrogen Fluoride	7664-39-3	Liquid	100%	-	>480	>480	-	>480
Hydrogen Fluoride Gas	7664-39-3	Gas	99%	-	>480	>480	>480	>480
Hydrogen Chloride Gas	7647-01-0	Gas	99%	Imm	410	>480	>480	>480
Hydrogen Cyanide	74-90-8	Gas	95%	>480	-	-	-	-
Hydrogen Cyanide	74-90-8	Liquid	95%	-	-	>480	-	-
Hydroiodic Acid	10034-85-2	Liquid	56.5%	-	-	-	>480	>480
Hydrogen Peroxide	7722-84-1	Liquid	30%	>480	>480	>480	>480	>480
Hydrogen Peroxide	7722-84-1	Liquid	50%	>480	>480	>480	>480	>480
Isopropanol	67-63-0	Liquid	99%	>480	-	-	-	-
Isobutane	75-28-5	Gas	99%	-	-	-	-	>480
Isobutylbenzene	538-93-2	Liquid	99.5%	-	-	-	-	>480
Isoprene	78-79-5	Liquid	98%	-	-	-	-	>480
Maleic Acid	110-16-7	Liquid	saturated solution	-	-	-	-	>480
Maleic Anhydride (solution)	108-31-6	Liquid	65%	-	-	-	-	>480
Jet Fuel A		Liquid	100%	Imm	283	>480	-	-
Jet Fuel JP-8		Liquid	100%	Imm	>480	>480	-	-
Lithium Chloride	7447-34-8	Liquid	20%	>480	-	-	-	-
Mecury II Nitriate(1000 ppm solution)	7483-34-8	Liquid	100%	-	-	>480	-	-
Metacrylic Acid	79-41-4	Liquid	99%	-	-	-	>480	>480
Methanol	67-56-1	Liquid	99.9%	210	>480	>480	>480	>480
Methyl Chloride	74-87-3	Gas	99.5	>480	>480	>480	>480	>480
Methyl Iodide	74-88-4	Liquid	99.9%	-	-	-	>480	>480
Methyl Mercaptan	74-93-1	Liquid	99%	-	-	>480	>480	>480
Methylamine	74-89-5	Liquid	40%	-	>480	>480	>480	>480
Methylamine	74-89-5	Liquid	99%	-	-	-	>480	>480
Methylene Dianaline	101-77-9	Liquid	99%	Imm	Imm	>480	-	>480
Methylene Diphenyl Diisocyanate	101-68-8	Liquid	99%	>480	>480	>480	-	-
Methyl Ethyl Ketone	78-93-3	Liquid	99.5%	-	>480	>480	-	-
Methylthiopropionaldehyde	3268-49-3	Liquid	>97%	-	-	>480	-	-
Methyl Isocyanate	624-83-9	Liquid	100%	-	>480	-	-	-
Nitric Acid	7697-37-2	Liquid	70%	>480	>480	>480	>480	>480
n-Butyl Acetate	123-86-4	Liquid	99.9%	-	-	-	-	>480
n-butylamine	109-73-9	Liquid	99%	-	-	-	-	>480
Nitrobenzene	98-95-3	Liquid	99.9%	50	150	170	>480	>480
Nitric Oxide	10102-43-9	Gas	99%	-	-	-	-	>480
Nitrochloro Benzene (ethanol solution)	201-854-9	Liquid	saturated solution	-	-	-	-	>480
Nitrogen Tetroxide (<10°C)	10102-44-0	Gas/Liquid	99%	-	-	-	>480	>480
Nitrogen Dioxide	10102-44-0	Gas	100%	-	>480	>480	>480	>480
Oleum	8014-95-7	Liquid	40%	30	>480	>480	>480	>480
Oleum	8014-95-7	Liquid	100%	-	>480	>480	>480	>480
Oxalic Acid (solution)	144-62-7	Liquid	75%	-	-	-	-	>480
Phenol	108-95-2	Liquid	99%	>480	>480	>480	>480	>480
Phosphoric Acid	7664-38-2	Liquid	85%	>480	>480	>480	>480	>480
Potasium Hydroxide	1310-58-3	Liquid	50%	>480	>480	>480	>480	>480
Propionaldehide	123-38-6	Liquid	99%	-	-	-	-	>480
Propionic Acid	79-09-4	Liquid	99.5%	-	-	-	-	>480
Pyridine	110-86-1	Liquid	99%	-	-	-	>480	>480
Phosphorous Trichloride	7719-12-2	Liquid	>95%	-	Imm	20	-	-
Propionitrile	107-12-0	Liquid	99%	>480	-	-	-	-
Sodium Hydroxide	1310-73-2	Liquid	50%	>480	>480	>480	>480	>480
Styrene	100-42-5	Liquid	98%	-	12	>480	-	-
Sulfuric Acid	7664-93-9	Liquid	30%	>480	>480	>480	>480	>480
Sulfuric Acid	7664-93-9	Liquid	98%	>480	>480	>480	>480	>480
Sulfur hexafluoride	2551-62-4	Gas	99%	-	-	-	>480	-
Sulfur Trioxide	7446-119	Liquid	99%	-	120	80	-	>480
Tetrachloroethylene	127-18-4	Liquid	99%	-	>480	>480	>480	>480
1,1,2,2-Tetrabromoethane	97-27-6	Liquid	98%	-	-	-	-	>480
Thionyl Chloride	7719-09-7	Liquid	99%	-	-	Imm	30	30
Tetrahydrofuran	109-99-9	Liquid	99.9%	Imm	81	>480	>480	>480
Tiethoxysilane	998-30-1	Liquid	95%	-	-	-	-	>480
Titanium Tetrachloride	7550-45-0	Liquid	99%	-	>480	>480	-	-
Toluene	108-88-3	Liquid	99.8%	Imm	Imm	>480	>480	>480
Toluene-2,4-Diisocyanate	584-84-9	Liquid	98%	-	-	-	>480	>480
2,2,2-Trichloroethanol	115-20-8	Liquid	99%	-	-	-	-	>480
Trichloroethylene	79-01-6	Liquid	100%	-	Imm	>480	>480	>480
Trichlorovinylsilane	75-94-5	Liquid	99%	-	70	-	-	-
Trifluoroacetic Acid	76-05-1	Liquid	99%	-	>480	>480	-	-
Vinyl Acetate	108-05-4	Liquid	99%	-	29	>480	>480	>480
Vinyl Bromide	593-60-2	Gas	99%	-	-	-	-	>480
Vinyl Chloride	75-01-4	Liquid	99%	-	>480	>480	-	>480
Xylene	1330-20-7	Liquid	99%	-	-	>480	-	-