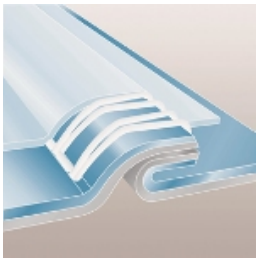
# BR127T YL

DuPont™ Tychem® BR

Line Drawing



Taped Seam

## FEATURES AND BENEFITS

DuPont™ Tychem® BR offers wide-ranging protection backed by extensive fabric permeation barrier testing. Tychem® BR fabric provides at least 30 minutes of protection against more than 280 chemical challenges, including chemical warfare agents. Tychem® BR offers tear, puncture and abrasion resistant fabrics for lasting protection. Tychem® BR garments are designed for enhanced comfort and ease of movement. High visibility yellow.

- Taped seams provide strong chemical resistance against heavy liquid splashes. A sewn seam is covered with a strip of compatible chemical-resistant material through heat sealing.
- Three-piece hood design with longer zipper that extends to chin for complete coverage of neck area and good fit around a respirator
- Strong zipper for tough, flexible closure
- Storm flap covers zipper which can be sealed by the wearer with adhesive strip to prevent intrusion at zipper
- Elastic opening for tighter fit at wrist
- Elastic opening for tighter fit at ankle

See all Product Literature

### Product Description

DuPont™ Tychem® BR Coverall. Respirator Fit Hood. Elastic Wrists and Ankles. Storm Flap with Adhesive Closure. Taped Seams. Yellow.

**Full Part Number: BR127TYLxx0002yy (xx=size; yy=option code)**

**Fabric:** Tychem® BR
**Style:** Coverall w/ Resp. Fit Hood, Elastic Wrists and Ankles
**Seam:** Taped
**Color:** Yellow
**Other Colors:** LV127TODxx000200 Olive Drab
**Sizes:** SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X
**Case Count:** 2 per case
**Option Codes:** 00

Product Terms of Use and Warranty (PDF)

## PRODUCT DETAILS

### Available Options

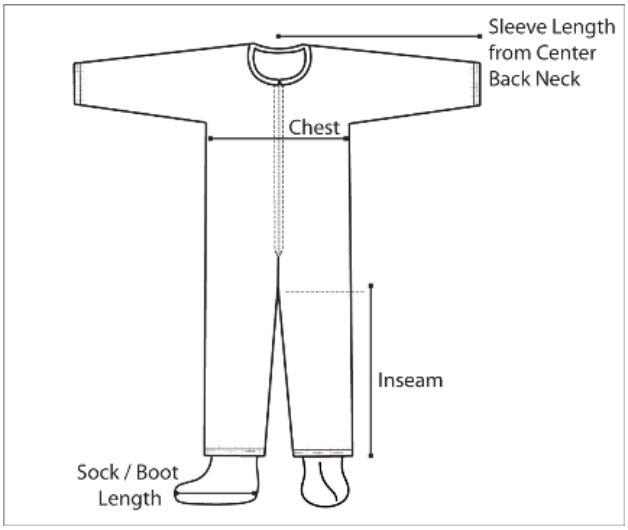
| Option Code | Description | Available Sizes | Part Number |
|---|---|---|---|
| 00 | Standard | SM, MD, LG, XL, 2X, 3X, 4X, 5X, 6X | BR127TYLxx000200 |

### Finished Dimensions

**Typical Finished Dimensions**

| Size | Sleeve Length | Chest Width | Inseam | Fits Chest | Fits Height | Men's Shoe | Women's Shoe | Inner Glove Size | Outer Glove Size |
|---|---|---|---|---|---|---|---|---|---|
| SM | 32 3/4 | 23 3/8 | 28 | 33 1/2 - 37 | 5'0" - 5'7" | n/a | n/a | n/a | n/a |
| MD | 34 | 24 7/8 | 28 1/2 | 36 1/2 - 40 | 5'3" - 5'7" | n/a | n/a | n/a | n/a |
| LG | 35 1/4 | 26 3/8 | 29 1/2 | 39 1/2 - 43 | 5'5" - 5'9" | n/a | n/a | n/a | n/a |
| XL | 36 3/4 | 27 7/8 | 29 7/8 | 42 1/2 - 46 | 5'8" - 6'2" | n/a | n/a | n/a | n/a |
| 2X | 37 7/8 | 29 | 30 7/8 | 44 3/4 - 48 1/4 | 6'0" - 6'4" | n/a | n/a | n/a | n/a |
| | | | | 48 3/4 - | 6'2" - | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3X | 39 | 31 | 31 7/8 | 52 1/4 | 6'4" | n/a | n/a | n/a | n/a |
| 4X | 40 | 32 5/8 | 32 7/8 | 52 - 55 1/2 | 6'4" - 6'7" | n/a | n/a | n/a | n/a |
| 5X | 40 7/8 | 34 | 33 7/8 | 54 3/4 - 58 1/4 | 6'7" - 6'10" | n/a | n/a | n/a | n/a |
| 6X | 41 3/4 | 35 3/4 | 35 | 58 1/4 - 61 3/4 | 6'9" - 7'1" | n/a | n/a | n/a | n/a |




### Specifications

1. The garment shall be constructed of DuPont™ Tychem® BR -- a patented fabric made from multi-layer barrier films laminated to a high strength 2.5 oz/yd$_2$ polypropylene substrate.
2. The garment shall be yellow in color.
3. The garment shall be a hooded coverall design.
4. The garment shall have taped seams.
5. The tape used to cover the seams shall be a film composite with equal to or greater chemical resistance than the base fabric.
6. The garment shall have a respirator fit hood with elastic around the face.
7. The garment shall have a front zipper closure.
8. The zipper shall be covered with a storm flap with adhesive closure.
9. The garment shall have elastic wrists.
10. The garment shall have elastic ankles.

### Additional Equipment Needed

- Wear other appropriate PPE such as, but not limited to, respiratory, eye, head, hand, and foot protection based on the hazard assessment.
- Please read, understand and follow the Tychem® User Manual.

## FABRIC DATA

### Physical Properties - Typical Values

**Tychem® BR - Fabric Data**

| Property | Test Method | Result |
|---|---|---|
| Thickness | ASTM D1777 | 18 mils |
| Basis Weight | ASTM D3776 | 7.4 oz/yd$_2$ |
| Burst Strength - Ball | ASTM D751 | 79 lb$^f$ |
| Tear Resistance - Trap Tear (MD) | ASTM D5597 | 26 lb$^f$ |
| Tear Resistance - Trap Tear (CD) | ASTM D5597 | 22 lb$^f$ |
| Breaking Strength - Grab (MD) | ASTM D5034 | 84 lb$^f$ |
| Breaking Strength - Grab (CD) | ASTM D5034 | 84 lb$^f$ |

| | | |
|---|---|---|
| Wearing Apparel Flammability | 16 CFR 1610 | Class 1 |

*Typical values, not specifications.

## Chemical Resistance Data

Testing Details

DuPont Permeation Guide

**Tychem® BR - Fabric Data**

| Hazard / Chemical Name | CAS Number | Phase | Breakthrough Time (average, normalized to 0.1 ug/cm$_2$/min) / Performance |
|---|---|---|---|
| 1,1,2,2-Tetrachloroethylene | 127-18-4 | Liquid | >480 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | Vapor | >480 |
| 1,3-Butadiene (gas) | 106-99-0 | Vapor | >480 |
| 1,5-Pentanedial (5% in water) | 111-30-8 | Liquid | >480 |
| 1,5-Pentanedial (50%) | 111-30-8 | Liquid | >480 |
| 1-Aminobutane | 109-73-9 | Liquid | >480 |
| Acetaldehyde | 75-07-0 | Liquid | >480 |
| Acetic acid | 64-19-7 | Liquid | 339 |
| Acetic anhydride | 108-24-7 | Liquid | >480 |
| Acetone | 67-64-1 | Liquid | >480 |
| Acetone cyanohydrin | 75-86-5 | Liquid | >480 |
| Acetonitrile | 75-05-8 | Liquid | >480 |
| Acetyl chloride | 75-36-5 | Liquid | 181 |
| Acrolein | 107-02-8 | Liquid | >480 |
| Acrylamide (50% in water) | 79-06-1 | Liquid | >480 |
| Acrylic acid | 79-10-7 | Liquid | 270 |
| Acrylonitrile | 107-13-1 | Liquid | >480 |
| Acrylonitrile (10 g/m²) | 107-13-1 | Liquid | >480 |
| Adiponitrile | 111-69-3 | Liquid | >480 |
| Allyl alcohol | 107-18-6 | Liquid | >480 |
| Allyl chloride | 107-05-1 | Liquid | >480 |
| Aminobutane, 1- | 109-73-9 | Liquid | >480 |
| Aminoethylethanolamine | 111-41-1 | Liquid | >480 |
| Aminoethylethanolamine (60%) | 111-41-1 | Liquid | >480 |
| Aminoethylpiperazine | 140-31-8 | Liquid | >480 |
| Ammonia (gas) | 7664-41-7 | Vapor | 46 |
| Ammonium fluoride (40%) | 12125-01-8 | Liquid | >480 |
| Ammonium hydroxide (28%-30%) | 1336-21-6 | Liquid | 160 |
| Amyl acetate, n- | 628-63-7 | Liquid | >480 |
| Anhydrous ammonia (gas) | 7664-41-7 | Vapor | 46 |
| Aniline | 62-53-3 | Liquid | >480 |
| Arsine | 7784-42-1 | Vapor | >480 |
| Asbestos (all forms) | 1332-21-4 | Solid | May be Suitable for Use |
| Benzene | 71-43-2 | Liquid | >480 |
| Benzene sulfonyl chloride | 98-09-9 | Liquid | >480 |
| Benzidine (25% in methanol) | 92-87-5 | Liquid | >480 |
| Benzonitrile | 100-47-0 | Liquid | >480 |
| Benzoyl chloride | 98-88-4 | Liquid | >480 |
| Benzyl chloride | 100-44-7 | Liquid | >480 |
| Beryllium | 7440-41-7 | Solid | May be Suitable for Use |
| Biological fluids w/ potentially infectious diseases | unknown | Liquid | May be Suitable for Use |
| Bisphenol-A diglycidyl ether | 1675-54-3 | Liquid | >480 |
| Black liquor | 308074-23-9 | Liquid | >480 |
| Blood | unknown | Liquid | May be Suitable for Use |
| Blood w/ potentially infectious diseases | unknown | Liquid | May be Suitable for Use |

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|---|---|---|---|
| Bodily fluids | unknown | Liquid | May be Suitable for Use |
| Bodily fluids w/ potentially infectious diseases | unknown | Liquid | May be Suitable for Use |
| Boron trichloride | 10294-34-5 | Vapor | >480 |
| Boron trifluoride | 7637-07-2 | Vapor | >480 |
| Bromine | 7726-95-6 | Liquid | imm. |
| Bromofluorobenzene, 4- | 460-00-4 | Liquid | >480 |
| Butadiene, 1,3- (gas) | 106-99-0 | Vapor | >480 |
| Butan-1-amine | 109-73-9 | Liquid | >480 |
| Butanol, n- | 71-36-3 | Liquid | >480 |
| Butyl acetate, n- | 123-86-4 | Liquid | >480 |
| Butyl acrylate, n- | 141-32-2 | Liquid | 51 |
| Butyl ether, n- | 142-96-1 | Liquid | >480 |
| Butylamine, n- | 109-73-9 | Liquid | >480 |
| Butyraldehyde, n- | 123-72-8 | Liquid | >480 |
| Carbon disulfide | 75-15-0 | Liquid | >480 |
| Carbon monoxide | 630-08-0 | Vapor | 330 |
| Carbon tetrachloride | 56-23-5 | Liquid | >480 |
| Caustic potash (45%) | 1310-58-3 | Liquid | >480 |
| Caustic soda (42-50%) | 1310-73-2 | Liquid | >480 |
| Chlordane | 57-74-9 | Liquid | >480 |
| Chlorine (gas) | 7782-50-5 | Vapor | >480 |
| Chlorine dioxide (1000 ppm) | 10049-04-4 | Vapor | >480 |
| Chlorine dioxide (150 ppm) | 10049-04-4 | Vapor | >480 |
| Chlorine sulfide (80%) | 10545-99-0 | Liquid | 70 |
| Chlorine trifluoride | 7790-91-2 | Vapor | 45 |
| Chloro-1,2-propanediol, 3- | 96-24-2 | Liquid | >480 |
| Chloroacetic acid | 79-11-8 | Liquid | >480 |
| Chloroacetic acid (70%-80%) | 79-11-8 | Liquid | >480 |
| Chloroacetyl chloride | 79-04-9 | Liquid | 160 |
| Chloroaniline, 4- | 106-47-8 | Solid | >480 |
| Chloroaniline, 4- (70° C) | 106-47-8 | Liquid | 344 |
| Chloroaniline, p- | 106-47-8 | Solid | >480 |
| Chloroaniline, p- (70° C) | 106-47-8 | Liquid | 344 |
| Chlorobenzene | 108-90-7 | Liquid | >480 |
| Chloroethanol, 2- | 107-07-3 | Liquid | >480 |
| Chloroform | 67-66-3 | Liquid | >480 |
| Chloromethyl methyl ether | 107-30-2 | Liquid | >480 |
| Chlorophenol, 4- (sat. sol. in methanol) | 106-48-9 | Liquid | >480 |
| Chlorosulfonic acid | 7790-94-5 | Liquid | 180 |
| Chlorotoluene, o- | 95-49-8 | Liquid | >480 |
| Cresol, mixed isomers | 1319-77-3 | Liquid | >480 |
| Crude oil | 8002-05-9 | Liquid | >480 |
| Cumene | 98-82-8 | Liquid | >480 |
| Cyanuric chloride (20%, Toluene 80%) | 108-77-0 | Liquid | >480 |
| Cyclohexane | 110-82-7 | Liquid | >480 |
| Cyclohexanone | 108-94-1 | Liquid | >480 |
| Diborane (10%) | 19287-45-7 | Vapor | >480 |
| Dichloro-6-isopropyl-S-triazine, 2,4- (22% in toluene) | 30894-74-7 | Liquid | >480 |
| Dichloroacetone (40° C) | 534-07-6 | Liquid | >480 |
| Dichloroacetyl chloride | 79-36-7 | Liquid | 100 |
| Dichloroaniline, 3,4- (liquid, 70° C) | 95-76-1 | Liquid | 284 |
| Dichloroaniline, 3,4- (solid) | 95-76-1 | Solid | >480 |
| Dichloroethyl ether | 111-44-4 | Liquid | >480 |
| Dichloromethane | 75-09-2 | Liquid | 432 |

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|---|---|---|---|
| Dichloropropene,2,3- | 78-88-6 | Liquid | >480 |
| Dichlorosilane | 4109-96-0 | Vapor | >480 |
| Diesel fuel | 68334-30-5 | Liquid | >480 |
| Diethylamine | 109-89-7 | Liquid | >480 |
| Diethylaniline | 91-66-7 | Liquid | >480 |
| Diethylenetriamine | 111-40-0 | Liquid | >480 |
| Diethylhexyl phthalate | 117-81-7 | Liquid | >480 |
| Diiodo-1,1,2,2-tetrafluorobutane, 1,4- | 755-95-3 | Liquid | >480 |
| Dimethyl sulfate | 77-78-1 | Liquid | >480 |
| Dimethyl sulfoxide | 67-68-5 | Liquid | >480 |
| Dimethyl-acetamide, N,N- | 127-19-5 | Liquid | >480 |
| Dimethylaniline, N,N- | 121-69-7 | Liquid | >480 |
| Dimethylene oxide (gas) | 75-21-8 | Vapor | >480 |
| Dimethylene oxide (liquid, 0° C) | 75-21-8 | Liquid | >480 |
| Dimethylformamide, N,N- | 68-12-2 | Liquid | >480 |
| Dimethylhydrazine, 1,1- | 57-14-7 | Liquid | >480* |
| Dinitrocresol (sat. sol. in methanol) | 534-52-1 | Liquid | >480 |
| Dioxane, 1,4- | 123-91-1 | Liquid | >480 |
| Diphenylmethane Diisocyanate 4,4- | 101-68-8 | Solid | >480 |
| Dirt (general) | unknown | Solid | May be Suitable for Use |
| Disodium sulfide (60% w/w in water slurry) | 1313-82-2 | Liquid | >480 |
| Disulfur dichloride | 10025-67-9 | Liquid | >480 |
| Epichlorohydrin | 106-89-8 | Liquid | >480 |
| Epoxyethane (gas) | 75-21-8 | Vapor | >480 |
| Epoxyethane (liquid, 0° C) | 75-21-8 | Liquid | >480 |
| Ethanethiol | 75-08-1 | Liquid | >480 |
| Ethanolamine | 141-43-5 | Liquid | >480 |
| Ethyl Cellosolve® | 110-80-5 | Liquid | >480 |
| Ethyl Cellosolve® acetate | 111-15-9 | Liquid | >480 |
| Ethyl Mercaptan | 75-08-1 | Liquid | >480 |
| Ethyl acetate | 141-78-6 | Liquid | >480 |
| Ethyl acrylate | 140-88-5 | Liquid | 14 |
| Ethyl benzene | 100-41-4 | Liquid | >480 |
| Ethyl ether | 60-29-7 | Liquid | >480 |
| Ethyl parathion | 56-38-2 | Liquid | >480 |
| Ethylamine (15° C) | 75-04-7 | Liquid | 361 |
| Ethylene dibromide | 106-93-4 | Liquid | >480 |
| Ethylene dichloride | 107-06-2 | Liquid | >480 |
| Ethylene glycol | 107-21-1 | Liquid | >480 |
| Ethylene oxide (gas) | 75-21-8 | Vapor | >480 |
| Ethylene oxide (liquid, 0° C) | 75-21-8 | Liquid | >480 |
| Ethylenediamine | 107-15-3 | Liquid | >480 |
| Ethyleneimine | 151-56-4 | Liquid | 59 |
| Feces (solid) | unknown | Solid | May be Suitable for Use |
| Fertilizer (general; solid form) | unknown | Solid | May be Suitable for Use |
| Fiberglass | unknown | Solid | May be Suitable for Use |
| Fluorobenzene | 462-06-6 | Liquid | >480 |
| Fluorosilicic acid | 16961-83-4 | Liquid | >480 |
| Fluorosulfonic acid | 7789-21-1 | Liquid | >480 |
| Formaldehyde (100 ppm) | 50-00-0 | Vapor | >480 |
| Formalin (37% Formaldehyde, 10-15% Methanol) | mixture | Liquid | >480 |
| Formic acid | 64-18-6 | Liquid | >480 |
| Fungicide (general; solid form) | unknown | Solid | May be Suitable for Use |
| Furfural | 98-01-1 | Liquid | >480 |
| Gasoline | 86290-81-5 | Liquid | >480 |
| Glutaric acid dialdehyde (5% in water) | 111-30-8 | Liquid | >480 |

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|---|---|---|---|
| Glutaric acid dialdehyde (50%) | 111-30-8 | Liquid | >480 |
| Glutaric aldehyde (5% in water) | 111-30-8 | Liquid | >480 |
| Glutaric aldehyde (50%) | 111-30-8 | Liquid | >480 |
| Gluteraldehyde (5% in water) | 111-30-8 | Liquid | >480 |
| Gluteraldehyde (50%) | 111-30-8 | Liquid | >480 |
| Glycolic acid (sat. sol. in water) | 79-14-1 | Liquid | >480 |
| Green liquor | 68131-30-6 | Liquid | >480 |
| HCN (Hydrogen cyanide) (gas) | 74-90-8 | Vapor | >480 |
| HCN (Hydrogen cyanide) (liquid, 21° C) | 74-90-8 | Liquid | 105 |
| Hazardous Particles (larger than 0.3 micron in size) | unknown | Solid | May be Suitable for Use |
| Hazardous Particles (larger than 1 micron in size) | unknown | Solid | May be Suitable for Use |
| Herbicide (general; solid form) | unknown | Solid | May be Suitable for Use |
| Hexachlorobutadiene | 87-68-3 | Liquid | >480 |
| Hexafluoroethane | 76-16-4 | Vapor | >480 |
| Hexafluoroisobutylene | 382-10-5 | Vapor | >480 |
| Hexamethyldisilizane | 999-97-3 | Liquid | >480 |
| Hexamethylene diisocyanate | 822-06-0 | Liquid | >480 |
| Hexamethylenediamine, 1,6- (45° C) | 124-09-4 | Liquid | >480 |
| Hexane, n- | 110-54-3 | Liquid | >480 |
| Hexone | 108-10-1 | Liquid | >480 |
| Hydrazine | 302-01-2 | Liquid | >480 |
| Hydrazine hydrate (85%) | 10217-52-4 | Liquid | 440 |
| Hydriodic acid (55-57%) | 10034-85-2 | Liquid | >480 |
| Hydrochloric acid (37%) | 7647-01-0 | Liquid | >480 |
| Hydrocyanic acid (gas) | 74-90-8 | Vapor | >480 |
| Hydrocyanic acid (liquid, 21° C) | 74-90-8 | Liquid | 105 |
| Hydrofluoric acid (48-51%) | 7664-39-3 | Liquid | >480 |
| Hydrofluoric acid (70%) | 7664-39-3 | Liquid | >480 |
| Hydrofluoric acid (92% at 90° C) | 7664-39-3 | Liquid | 67* |
| Hydrogen bromide (gas) | 10035-10-6 | Vapor | >480 |
| Hydrogen chloride (gas) | 7647-01-0 | Vapor | >480 |
| Hydrogen cyanide (gas) | 74-90-8 | Vapor | >480 |
| Hydrogen cyanide (liquid, 21° C) | 74-90-8 | Liquid | 105 |
| Hydrogen fluoride (gas) | 7664-39-3 | Vapor | 135 |
| Hydrogen peroxide (70%) | 7722-84-1 | Liquid | >480 |
| Hydrogen selenide | 7783-07-5 | Vapor | >480 |
| Hydrogen sulfide | 7783-06-4 | Vapor | >480 |
| IPA (Isopropyl alcohol) | 67-63-0 | Liquid | >480 |
| Insecticide (general; solid form) | unknown | Solid | May be Suitable for Use |
| Isopropanol | 67-63-0 | Liquid | >480 |
| Isopropyl alcohol | 67-63-0 | Liquid | >480 |
| Isopropylamine | 75-31-0 | Liquid | >480 |
| JP-4 jet fuel | 50815-00-4 | Liquid | >480 |
| JP-8 jet fuel | 94114-58-6 | Liquid | >480 |
| Jet A fuel | 8008-20-6 | Liquid | >480 |
| KOH (Potassium hydroxide) (45%) | 1310-58-3 | Liquid | >480 |
| Kerosene | 8008-20-6 | Liquid | >480 |
| Lead | 7439-92-1 | Solid | May be Suitable for Use |
| Lewisite (10 g/m²) | 541-25-3 | Liquid | >480 |
| Lewisite (100 g/m²) | 541-25-3 | Liquid | 120 |
| Lime | mixture | Solid | May be Suitable for Use |
| Lindane (sat. sol. in acetone) | 58-89-9 | Liquid | >480 |
| Lye (42-50%) | 1310-73-2 | Liquid | >480 |
| MEK (Methyl ethyl ketone) | 78-93-3 | Liquid | >480 |
| MIBK (Methyl isobutyl ketone) | 108-10-1 | Liquid | >480 |
| Malathion | 121-75-5 | Liquid | >480 |

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|---|---|---|---|
| Malathion (50% in methanol) | 121-75-5 | Liquid | >480 |
| Mercuric chloride (sat. sol. in water) | 7487-94-7 | Liquid | >480* |
| Mercury | 7439-97-6 | Liquid | >480 |
| Methacrylic acid | 79-41-4 | Liquid | >480 |
| Methane sulfonyl chloride | 124-63-0 | Liquid | >480 |
| Methanol | 67-56-1 | Liquid | 157 |
| Methomyl (29% in water) | 16752-77-5 | Liquid | >480 |
| Methyl Cellosolve® | 109-86-4 | Liquid | >480 |
| Methyl Cellosolve® acetate | 110-49-6 | Liquid | >480 |
| Methyl acrylate | 96-33-3 | Liquid | >480 |
| Methyl bromide | 74-83-9 | Vapor | >480 |
| Methyl chloride (gas) | 74-87-3 | Vapor | >480 |
| Methyl chloroformate | 79-22-1 | Liquid | >480 |
| Methyl ethyl ketone | 78-93-3 | Liquid | >480 |
| Methyl ethyl ketoxime | 96-29-7 | Liquid | >480 |
| Methyl fluoride | 593-53-3 | Vapor | >480 |
| Methyl hydrazine | 60-34-4 | Liquid | >480 |
| Methyl iodide | 74-88-4 | Liquid | >480 |
| Methyl isobutyl ketone | 108-10-1 | Liquid | >480 |
| Methyl isocyanate | 624-83-9 | Liquid | >480 |
| Methyl mercaptan | 74-93-1 | Vapor | >480 |
| Methyl methacrylate | 80-62-6 | Liquid | >480 |
| Methyl tert-butyl ether | 1634-04-4 | Liquid | >480 |
| Methyl trichlorosilane | 75-79-6 | Liquid | >480 |
| Methyl-1,5-pentantedinitrile, 2- (87%) | 4553-62-2 | Liquid | >480 |
| Methyl-2-pyrrolidone, N- | 872-50-4 | Liquid | >480 |
| Methylamine | 74-89-5 | Vapor | 105 |
| Methylamine (40% in water) | 74-89-5 | Liquid | 261 |
| Methylamine (50% in water) | 74-89-5 | Liquid | 232 |
| Methylene bis (o-chloroaniline), 4,4'- (sat. sol. in methanol) | 101-14-4 | Liquid | >480 |
| Methylene chloride | 75-09-2 | Liquid | 432 |
| Methylene dianiline, 4,4'- (15% in MEK) | 101-77-9 | Liquid | >480 |
| Methylene diphenyl isocyanate | 101-68-8 | Solid | >480 |
| Methylglutaronitrile, 2- (87%) | 4553-62-2 | Liquid | >480 |
| Mineral spirits | 64475-85-0 | Liquid | >480 |
| Mold spores | unknown | Solid | May be Suitable for Use |
| Morpholine | 110-91-8 | Liquid | >480 |
| Muriatic acid (37%) | 7647-01-0 | Liquid | >480 |
| N,N-Dimethylformamide | 68-12-2 | Liquid | >480 |
| N-Aminoethyl ethanolamine | 111-41-1 | Liquid | >480 |
| N-Aminoethyl ethanolamine (60%) | 111-41-1 | Liquid | >480 |
| NaOH (Sodium hydroxide) (42-50%) | 1310-73-2 | Liquid | >480 |
| Nicotine | 54-11-5 | Liquid | >480 |
| Nitric acid (70%) | 7697-37-2 | Liquid | >480 |
| Nitric acid (90%) | 7697-37-2 | Liquid | >480 |
| Nitric acid, red fuming | 52583-42-3 | Liquid | >480 |
| Nitrobenzene | 98-95-3 | Liquid | >480 |
| Nitrogen tetroxide (gas) | 10544-72-6 | Vapor | 90 |
| Nitrogen tetroxide (liquid, 0° C) | 10544-72-6 | Liquid | >480 |
| Nitrogen trifluoride | 7783-54-2 | Vapor | >480 |
| Nitromethane | 75-52-5 | Liquid | >480 |
| Nitrophenol, o- (70° C) | 88-75-5 | Liquid | 208 |
| Nitropropane, 2- | 79-46-9 | Liquid | >480 |
| Nitrous oxide | 10024-97-2 | Vapor | >480 |
| Non-Hazardous Particles (larger than 0.3 micron in | unknown | Solid | May be Suitable for Use |

| | | | |
|---|---|---|---|
| size) | | | |
| Non-Hazardous Particles (larger than 1 micron in size) | unknown | Solid | May be Suitable for Use |
| Octane, n- | 111-65-9 | Liquid | >480 |
| Oleum (40% free SO3) | 8014-95-7 | Liquid | >480 |
| Oxalic acid (10.5%) | 144-62-7 | Liquid | >480 |
| PCB (50% in trichlorobenzene) | mixture | Liquid | >480 |
| Paraphenylene diisocyanate (PPDI) crude | 104-49-4 | Liquid | >480 |
| Pentachlorophenol (sat. sol. in methanol) | 87-86-5 | Liquid | >480 |
| Pentanedial, 1,5- (5% in water) | 111-30-8 | Liquid | >480 |
| Pentanedial, 1,5- (50%) | 111-30-8 | Liquid | >480 |
| Pentenenitrile, 3- | 4635-87-4 | Liquid | >480 |
| Perchloric acid (70%) | 7601-90-3 | Liquid | >480 |
| Pesticide (general; solid form) | unknown | Solid | May be Suitable for Use |
| Phenol (45° C) | 108-95-2 | Liquid | 101 |
| Phenol (60° C) | 108-95-2 | Liquid | 25 |
| Phenol (85-90%) | 108-95-2 | Liquid | >480 |
| Phenol (88% at 45° C) | 108-95-2 | Liquid | 135 |
| Phosgene | 75-44-5 | Vapor | >480 |
| Phosphine | 7803-51-2 | Vapor | >480 |
| Phosphoric acid (85%) | 7664-38-2 | Liquid | >480 |
| Phosphorus oxychloride | 10025-87-3 | Liquid | >480 |
| Phosphorus trichloride | 7719-12-2 | Liquid | >480 |
| Picoline, 2- | 109-06-8 | Liquid | >480 |
| Picoline, 3- | 108-99-6 | Liquid | >480 |
| Polychlorinated biphenyl (50% in trichlorobenzene) | mixture | Liquid | >480 |
| Polymethylene polyphenyl-polyisocyanate | 9016-87-9 | Liquid | >480 |
| Potash lye (45%) | 1310-58-3 | Liquid | >480 |
| Potassium acetate (sat. sol. in water) | 127-08-2 | Liquid | >480* |
| Potassium chromate (sat. sol. in water) | 7789-00-6 | Liquid | >480* |
| Potassium hydroxide (45%) | 1310-58-3 | Liquid | >480 |
| Propylene dichloride | 78-87-5 | Liquid | >480 |
| Propylene imine | 75-55-8 | Liquid | 150 |
| Propylene oxide, 1,2- | 75-56-9 | Liquid | >480 |
| Pyridine | 110-86-1 | Liquid | >480 |
| Pyrrolidine | 123-75-1 | Liquid | 413 |
| Radioactive particles | unknown | Solid | May be Suitable for Use |
| Sarin (10 g/m²) | 107-44-8 | Liquid | >480 |
| Sarin (100 g/m²) | 107-44-8 | Liquid | >480 |
| Silane | 7803-62-5 | Vapor | >480 |
| Silicon tetrachloride | 10026-04-7 | Liquid | >480 |
| Sodium disulfite (38% w/w in water) | 7681-57-4 | Liquid | >480 |
| Sodium hydroxide (42-50%) | 1310-73-2 | Liquid | >480 |
| Sodium hypochlorite (15%) | 7681-52-9 | Liquid | >480 |
| Sodium metabisulfite (38% w/w in water) | 7681-57-4 | Liquid | >480 |
| Sodium methylate (50% in methanol) | 124-41-4 | Liquid | >480 |
| Sodium pyrosulfite (38% w/w in water) | 7681-57-4 | Liquid | >480 |
| Sodium sulfide (60% w/w in water slurry) | 1313-82-2 | Liquid | >480 |
| Soman (10 g/m²) | 96-64-0 | Liquid | >480 |
| Stoddard solvent | 8052-41-3 | Liquid | >480 |
| Styrene | 100-42-5 | Liquid | >480 |
| Sulfamic acid (15%) | 5329-14-6 | Liquid | >480 |
| Sulfonyl chloride | 7791-25-5 | Liquid | >480 |
| Sulfur chloride | 10025-67-9 | Liquid | >480 |
| Sulfur dichloride (80%) | 10545-99-0 | Liquid | 70 |

| | | | |
|---|---|---|---|
| Sulfur dioxide | 7446-09-5 | Vapor | >480 |
| Sulfur hexafluoride | 2551-62-4 | Vapor | >480 |
| Sulfur monochloride | 10025-67-9 | Liquid | >480 |
| Sulfur mustard (10 g/m²) | 505-60-2 | Liquid | >480 |
| Sulfur mustard (100 g/m²) | 505-60-2 | Liquid | >480 |
| Sulfur trioxide | 7446-11-9 | Liquid | 90 |
| Sulfuric acid | 7664-93-9 | Liquid | >480 |
| Tabun (10 g/m²) | 77-81-6 | Liquid | >480 |
| Tar balls | unknown | Solid | May be Suitable for Use |
| Tetrachloroethane, 1,1,2,2- | 79-34-5 | Liquid | >480 |
| Tetrachloroethylene, 1,1,2,2- | 127-18-4 | Liquid | >480 |
| Tetraethoxysilane | 78-10-4 | Liquid | >480 |
| Tetraethyl lead | 78-00-2 | Liquid | >480 |
| Tetraethylenepentamine | 112-57-2 | Liquid | >480 |
| Tetrafluoromethane | 75-73-0 | Vapor | >480 |
| Tetrahydrofuran | 109-99-9 | Liquid | >480 |
| Tetramethyltin (0.5% in n-pentane) | mixture | Liquid | >480 |
| Thioglycolic acid | 68-11-1 | Liquid | >480 |
| Thionyl chloride | 7719-09-7 | Liquid | 35 |
| Titanium tetrachloride | 7550-45-0 | Liquid | >480 |
| Toluene | 108-88-3 | Liquid | >480 |
| Toluene-1,3-diisocyanate | 26471-62-5 | Liquid | >480 |
| Toluene-2,4-diisocyanate | 584-84-9 | Liquid | >480* |
| Toluidine, o- | 95-53-4 | Liquid | >480 |
| Trichloro-1,2,2-trifluoroethane, 1,1,2- | 76-13-1 | Vapor | >480 |
| Trichlorobenzene, 1,2,4- | 120-82-1 | Liquid | >480 |
| Trichloroethane, 1,1,1- | 71-55-6 | Liquid | >480 |
| Trichloroethane, 1,1,2- | 79-00-5 | Liquid | >480 |
| Trichloroethanol, 2,2,2- | 115-20-8 | Liquid | >480 |
| Trichloroethylene | 79-01-6 | Liquid | >480 |
| Trichlorosilane | 10025-78-2 | Liquid | >480 |
| Triethylamine | 121-44-8 | Liquid | >480 |
| Triethylenetetramine (60%) | 112-24-3 | Liquid | >480 |
| Trifluoroethanol, 2,2,2- | 75-89-8 | Liquid | >480 |
| Trifluoromethane | 75-46-7 | Vapor | >480 |
| Trifluoromethane sulfonic acid | 1493-13-6 | Liquid | >480 |
| Trimethyl phosphate | 512-56-1 | Liquid | >480 |
| Trimethyl phosphite | 121-45-9 | Liquid | >480 |
| Tripropylamine | 102-69-2 | Liquid | >480 |
| Tungsten hexafluoride | 7783-82-6 | Liquid | >480 |
| VM&P Naphtha | 8030-30-6 | Liquid | >480 |
| VX Nerve agent (10 g/m²) | 50782-69-9 | Liquid | >480 |
| VX Nerve agent (100 g/m²) | 50782-69-9 | Liquid | >480 |
| Vinyl acetate | 108-05-4 | Liquid | >480 |
| Vinyl chloride | 75-01-4 | Vapor | >480 |
| Vinylidene chloride | 75-35-4 | Liquid | >480 |
| Vinylmagnesium chloride (16.5%) | 3536-96-7 | Liquid | >480 |
| White liquor | 68131-33-9 | Liquid | >480 |
| Xylene, mixed isomers | 1330-20-7 | Liquid | >480 |
| cis-2-Pentenenitrile (70%) | 25899-50-7 | Liquid | >480 |
| d-Limonene | 5989-27-5 | Liquid | >480 |
| m-Cresol 55%, p-Cresol 30%, Phenol 15% | mixture | Liquid | >480 |
| n-Hexane | 110-54-3 | Liquid | >480 |
| t-Sodium-amylate / t-amyl alcohol | mixture | Solid | 120 |
| tert-Butylamine | 75-64-9 | Liquid | >480 |
| trans-Crotonaldehyde | 123-73-9 | Liquid | >480 |