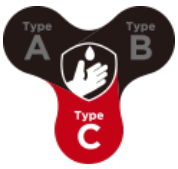
7502PF

Material Nitrile LENGTH 9.5 in. / 240mm



CHEMICAL PERMEATION

CHEMICAL NAME	CAS NUMBER	BDT TTL EN374
Formaldehyde 37%	50-00-0	>10
Carbon Tet	56-23-5	1-5
Urea (s) 99%	57-13-6	>480
1,2-Propanediol	57-55-6	>120
Diethyl Ether	60-29-7	1-5
Aminobenzene	62-53-3	1-5
Ethanol	64-17-5	1-5
Formic Acid 90%	64-18-6	<1
Acetic Acid 10%	64-19-7	>240
Acetic Acid 84%	64-19-7	1-5
Acetic Acid 50%	64-19-7	>10
Acetic Acid 25%	64-19-7	>60
Acetic Acid 99%	64-19-7	1-5
Benzoic Acid (s) 99%	65-85-0	>480
Methanol	67-56-1	1-5
2-Propanol	67-63-0	>10
2-Propanone	67-64-1	1-5
Chloroform	67-66-3	1-5
Dimethylsulfoxide (DMSO)	67-68-5	1-5
Dimethyl Formamide	68-12-2	1-5
Salicylic acid (s) 99%	69-72-7	>480
n-Propanol	71-23-8	1-5
Butanol	71-36-3	>10
Alcohol, Amyl	71-41-0	>10
Benzene	71-43-2	1-5
1,1,1-Trichloroethane	71-55-6	1-5

Chloride, Methyl (GAS)	74-87-3	<1
Iodide, Methyl	74-88-4	1-5
Methylamine 40%	74-89-5	<1
ETHYLAMINE 70%	75-04-7	1-5
Acetonitrile	75-05-8	1-5
Acetaldehyde	75-07-0	1-5
Chloride, Methylene	75-09-2	1-5
Carbon Disulfide	75-15-0	<1
1,2-Epoxy Ethane (gas)	75-21-8	<1
Bromoform	75-25-2	1-5
1,1-Dichloroethene	75-35-4	1-5
Acetyl Chloride	75-36-5	1-5
Nitromethane	75-52-5	1-5
1,2-Epoxypropane	75-56-9	1-5
Tetramethylammonium Hydroxide 25%	75-59-2	>30
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	1-5
Dimethyl Sulfate	77-78-1	1-5
Citric Acid 99%	77-92-9	>480
Citric Acid 30%	77-92-9	>480
Citric Acid 50%	77-92-9	>480
Citric Acid 75%	77-92-9	>480
2-Butanol	78-83-1	>10
Dichloropropane, 1,2-	78-87-5	1-5
2-Butanone	78-93-3	1-5
Ethylene, Trichloride	79-01-6	1-5
2-Propeneamide 50%	79-06-1	>240
2-Propeneamide 98%	79-06-1	>480
2-Propenoic Acid	79-10-7	1-5
Acetate, Methyl	79-20-9	1-5
PERACETIC ACID 39%	79-21-0	1-5
Methacrylic Acid 99%	79-41-4	<1
Nitro Propane	79-46-9	1-5
Methacrylate, Methyl	80-62-6	1-5
DBP	84-74-2	>10
Vinyl Pyrrolidinone	88-12-0	1-5
Dichlorobenzene O-	95-50-1	1-5
2-Aminotoluene	95-53-4	1-5

Pseudocumene	95-63-6	<1
Butanone Oxime	96-29-7	>10
2-Ethylbutyl alcohol	97-95-0	1-5
2-Furaldehyde	98-01-1	1-5
Butyl Toluene, p-Tert	98-51-1	6-10
(1-Methylethyl)benzene	98-82-8	1-5
1-Phenylethanone	98-86-2	<1
Nitrobenzene	98-95-3	1-5
Benzene, Ethyl	100-41-4	1-5
Benzene, Vinyl	100-42-5	1-5
Alcohol, Benzyl	100-51-6	1-5
Benzaldehyde	100-52-7	1-5
2,2′,2″-Nitrilotriethanol	102-71-6	1-5
±)-2-(Chloromethyl)oxiran	106-89-8	<1
1,2-Dichloroethane	107-06-2	1-5
Acrylonitrile	107-13-1	1-5
1,2-Diaminoethane 99%	107-15-3	<1
2-Propen-1-ol	107-18-6	1-5
Methyl Propyl Ketone	107-87-9	1-5
1-methoxy-2-propanol	107-98-2	1-5
Acetate, Vinyl	108-05-4	1-5
2-Pentanone, Methyl-	108-10-1	1-5
Acetate, Isopropyl	108-21-4	1-5
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	108-65-6	1-5
2,6-Dimethyl-4-Heptanone	108-83-8	1-5
Benzene, Methyl	108-88-3	1-5
Benzene Chloride	108-90-7	1-5
Cyclohexanol	108-93-0	>10
Cyclohexanone	108-94-1	1-5
Carbolic Acid 89%	108-95-2	1-5
Carbolic Acid(s) 100%	108-95-2	6-10
Carbolic Acid 10%	108-95-2	1-5
Dimethyl Propaneamide, N,N'-	109-55-7	1-5
Acetate, Propyl	109-60-4	<1
Pentane	109-66-0	>10
1-Aminobutane	109-73-9	1-5
DEA	109-89-7	1-5

Diethylene Oxide	109-99-9	1-5
Hexane	110-54-3	>10
Cyclohexane	110-82-7	>10
PYRIDINE	110-86-1	1-5
Diethylene oximide	110-91-8	1-5
1,5-Pentanedial 50%	111-30-8	6-10
2,2-iminodiethanol	111-42-2	6-10
n-Octane	111-65-9	>60
2-Butoxyethanol	111-76-2	1-5
n-Octanol	111-87-5	>30
Methyltriglycol	112-35-6	<1
Ethoxytriglycol	112-50-5	1-5
Oleic Acid	112-80-1	>120
1,2,4-Trichlorobenzene	120-82-1	1-5
TRIETHYLAMINE	121-44-8	6-10
4-Hydroxy-4-methyl-2-pentanone	123-42-2	<1
3-Methyl-1-butanol	123-51-3	1-5
Butyl Acetate	123-86-4	1-5
1,4-Dioxane	123-91-1	1-5
3-Methylbutyl Ethanoate	123-92-2	1-5
PERC	127-18-4	1-5
Dimethylacetamide N,N-	127-19-5	1-5
Butyl Acrylate	141-32-2	1-5
2-Aminoethanol	141-43-5	1-5
Ethyl Acetate	141-78-6	1-5
Heptane	142-82-5	>30
Butoxytriglycol	143-22-6	1-5
OXALIC ACID (s) 99%	144-62-7	>480
Calcium Carbonate (s) 99%	471-34-1	>480
NINHYDRIN	485-47-2	>480
Trimethyl Phosphate	512-56-1	1-5
2,2,4-Trimethyl Pentane	540-84-1	>30
3-Methyl-2-Butanone	563-80-4	1-5
Butyl Ethylene	592-41-6	1-5
Amyl Acetate	628-63-7	1-5
Methyl Pyrrolidone, N-	872-50-4	1-5
2-Bromoethyl Acetate	927-68-4	1-5

Hexamethyldisilazane	999-97-3	>480
3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide 5%	1239-45-8	>480
3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide 1%	1239-45-8	>480
3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide 10%	1239-45-8	>480
3,8-Diamino-5-ethyl-6-phenylphenanthridinium bromide 95%	1239-45-8	>480
Calcium Hydroxide (s) 95%	1305-62-0	>480
Caustic Potash 30%	1310-58-3	>480
Caustic Potash 45%	1310-58-3	>480
Caustic Potash 99%	1310-58-3	>480
Caustic Potash 20%	1310-58-3	>480
Caustic Potash 10%	1310-58-3	>480
Caustic Soda 10%	1310-73-2	>480
Caustic Soda 30%	1310-73-2	>480
Caustic Soda 98%	1310-73-2	>480
Caustic Soda 20%	1310-73-2	>480
Caustic Soda 40%	1310-73-2	>480
Caustic Soda 50%	1310-73-2	>480
Cresols	1319-77-3	1-5
Divinyl Benzene	1321-74-0	1-5
dimethyl benzene	1330-20-7	1-5
Tricresyl Phosphate	1330-78-5	>10
Chromic Acid Solution 99%	1333-82-0	>480
Chromic Acid Solution 50%	1333-82-0	<1
Ammonia Solution 10%	1336-21-6	6-10
Ammonia Solution 29%	1336-21-6	6-10
Ammonia Solution 25%	1336-21-6	6-10
Ammonia Solution 32%	1336-21-6	1-5
Gallotannin 95%	1401-55-4	>480
1-Propoxy-2-propanol	1569-01-3	1-5
Methyl-Tert-Butyl Ether	1634-04-4	1-5
Butoxypropanol	5131-66-8	1-5
D-Limonene	5989-27-5	1-5
Potassium Chloride (s) 99%	7447-40-7	>480
Hydrochloric Acid 10%	7647-01-0	>480
Muriatic Acid 32%	7647-01-0	>240
Muriatic Acid 20%	7647-01-0	>480
Hydrochloric Acid 37%	7647-01-0	>60

Sodium Chloride (s) 99%	7647-14-5	>480
Phosphoric Acid 10%	7664-38-2	>480
Phosphoric Acid 50%	7664-38-2	>480
Phosphoric Acid 85%	7664-38-2	>480
Hydrofluoric Acid 40%	7664-39-3	1-5
Hydrofluoric Acid 48%	7664-39-3	1-5
Hydrofluoric Acid 30%	7664-39-3	1-5
Hydrofluoric Acid 99%	7664-39-3	<1
Ammonia (Gas)	7664-41-7	<1
Battery Acid 93%	7664-93-9	1-5
Battery Acid 25%	7664-93-9	>480
Battery Acid 10%	7664-93-9	>480
Battery Acid 96%	7664-93-9	1-5
Battery Acid 47%	7664-93-9	>480
Battery Acid 70%	7664-93-9	>10
Battery Acid 50%	7664-93-9	>480
Bleach: Sodium Hypochlorite 12%	7681-52-9	>480
Bleach: Sodium Hypochlorite 6%	7681-52-9	>480
Nitric Acid 70%	7697-37-2	1-5
Nitric Acid 35%	7697-37-2	>30
Nitric Acid 10%	7697-37-2	>480
Nitric Acid 23%	7697-37-2	>120
Nitric Acid 65%	7697-37-2	1-5
Nitric Acid 50%	7697-37-2	1-5
Hydrogen Peroxide 30%	7722-84-1	>10
Bromine	7726-95-6	<1
Iron Chloride Solution 98%	7758-94-3	>480
Iron Chloride Solution 45%	7758-94-3	>480
Chlorine (Gas)	7782-50-5	<1
Iron Sulfate (s) 99%	7782-63-0	>480
Gasoline (unleaded)	8006-61-9	1-5
Fir Oil	8006-64-2	>30
Kerosene	8008-20-6	>480
Oleum (20% Free SO3)	8014-95-7	<1
Ligroin	8032-32-4	1-5
Dry Cleaning Mineral Spirits	8052-41-3	>60
Hydrobromic Acid 48%	10035-10-6	>480

Boric acid (s) 99%	10043-35-3	>480
Calcium Chloride (s) 96%	10043-52-4	>480
Tetrachloropropene	10436-39-2	1-5
2-Chloro-2-Oxoethyl Acetate	13831-31-7	1-5
Talc (s) 99%	14807-96-6	>480
Pentachloropropane	23153-23-3	<1
Antimony Tributyrate 95%	53856-17-0	>480
Dry cleaning safety solvent	64475-85-0	>480
Distillates (petroleum), hydrotreated light	64742-47-8	>480
Naphtha, VM & P	64742-49-0	1-5
Kerosene (hydrosulfurized)	64742-81-0	>480
Mineral Spirits (White Spirits Type 0)	64742-88-7	>480
Naphtha, heavy aromatic	64742-94-5	<1
Naphtha, light aromatic	64742-95-6	<1
Kerosene (Fuel Oil # 2)	68476-30-2	>480
PETROLEUM ETHER	68476-50-6	1-5
Mineral Spirits (odorless)	68551-17-7	>480

BDT=BREAKTHROUGH DETECTION TIME

THE LEVEL (0 TO 6) INDICATES THE TIME REQUIRED FOR DIFFERENT CHEMICALS TO PERMEATE THROUGH THE GLOVE.
TTL : TOTAL IMMERSION CHEMICAL PERMEATION BREAKTHROUGH TIME.
INT : INTERMITTENT CONTACT CHEMICAL PERMEATION BREAKTHROUGH TIME, ONE MINUTE IMMERSION OUT OF EVERY TEN, REPEATEDLY.

Warranty Limitations and Disclaimer Use

This information is provided solely as a convenience to help you evaluate our gloves in the end-user's particular application. It is the responsibility of the purchaser and/or user to determine the level of toxicity of the materials to be handled and to select the proper glove suitable for a particular application. The information provided reflects laboratory performance of gloves under carefully controlled conditions. SHOWA makes no guarantee of results and assumes no obligation or liability in connection with this information.

SHOWA
Always Innovating. Never Imitating.

COPYRIGHT © 2009-2021 SHOWA, INC. ALL RIGHTS RESERVED