



BECAUSE YOU TAKE **SAFETY** PERSONALLY

# APRONS & SMOCKS

## Chemical Degradation



### KEY TO DEGRADATION RATINGS

<b>E</b>	Excellent
<b>G</b>	Good
<b>F</b>	Fair
<b>P</b>	Poor
<b>NS</b>	Not Suggested

CHEMICAL	Chemical Abstracts Service (CAS) Number	Latex Natural Rubber	Neoprene	Nitrile	Polyvinyl Chloride
Acetaldehyde	75-07-0	NS	NS	NS	NS
Acetic Acid, Glacial	64-19-7	P	E	F	G
Acetone	67-64-1	NS	NS	NS	NS
Acetonitrile	75-05-8	NS	F	NS	P
Ammonium Hydroxide, <30%	1336-21-6	P	G	G	F
Aniline	62-53-3	F	F	P	G
Benzaldehyde	100-52-7	P	P	P	Not Tested
Benzene	71-43-2	NS	NS	P	NS
Butyl Acetate	123-86-4	NS	P	P	P
Butyl Alcohol (n-butanol)	71-36-3	F	E	E	G
Butyraldehyde	123-72-8	Not Tested	P	Not Tested	Not Tested
Carbon Disulfide	75-15-0	NS	NS	NS	P
Carbon Tetrachloride	56-23-5	NS	NS	F	NS
Chlorobenzene	108-90-7	Not Tested	Not Tested	NS	NS
Chloroform	67-66-3	NS	NS	NS	NS
Chromic Acid, 30-70%	7738-94-5	E	E	G	E
Citric Acid, 30-70%	77-92-9	E	E	E	E
Cyclohexane	110-82-7	NS	P	G	P
Dichlorobenzene	95-50-1	Not Tested	Not Tested	NS	Not Tested
Diesel Fuel	68334-30-5	E	E	E	E
Diethanolamine	111-42-2	E	E	E	E
Ethyl Acetate	141-78-6	NS	P	P	P
Ethyl Alcohol	64-17-5	P	E	G	G
Ethylene Glycol	107-21-1	E	E	E	E
Ethyl Ether	60-29-7	NS	NS	F	P
Formaldehyde, 30-70%	50-00-0	G	E	E	E
Formic Acid	64-18-6	F	E	F	E
Gasoline, Unleaded	8006-61-9	Not Tested	P	G	P
Glutaraldehyde, 30-70%	111-30-8	E	E	E	G
Glycerol	56-81-5	E	Not Tested	E	Not Tested



BECAUSE YOU TAKE **SAFETY** PERSONALLY

# APRONS & SMOCKS

## Chemical Degradation

CHEMICAL	Chemical Abstracts Service (CAS) Number	Latex Natural Rubber	Neoprene	Nitrile	Polyvinyl Chloride
Heptane	142-82-5	NS	F	G	P
Hexane	110-54-3	NS	F	G	P
Hydrazine, 65%	302-01-2	E	E	E	E
Hydrochloric Acid, 37% (Muriatic Acid)	7647-01-0	G	E	E	E
Hydrofluoric Acid, 30-70%	7664-39-3	F	E	P	G
Hydrogen Peroxide, 30-70%	7722-84-1	E	E	E	E
Isobutyl Alcohol	78-83-1	F	E	E	P
Isopropyl Alcohol	67-63-0	P	E	E	G
Methyl Acetate	79-20-9	NS	NS	NS	NS
Methyl Alcohol	67-56-1	P	G	P	P
Methylene Chloride	75-09-2	NS	NS	NS	NS
Methyl Ethyl Ketone	78-93-3	NS	NS	NS	NS
Methyl Isobutyl Ketone	108-10-1	NS	P	NS	NS
Methyl Methacrylate	80-62-6	NS	NS	NS	NS
Monoethanolamine	141-43-5	G	E	E	G
Naphtha VM&P	8032-32-4	Not Tested	G	G	F
Nitric Acid, 30-70%	7697-37-2	G	E	P	F
Nitrobenzene	98-95-3	P	F	P	P
Oxalic Acid	144-62-7	E	E	E	E
Pentane	109-66-0	NS	P	G	NS
Perchloric Acid, 30-70%	7601-90-3	E	E	E	E
Perchloroethylene	127-18-4	NS	P	F	P
Phosphoric Acid, >70%	7664-38-2	E	E	E	E
Potassium Hydroxide, 30-70%	1310-58-3	E	E	E	E
Propyl Acetate	109-60-4	P	P	F	Not Tested
Propyl Alcohol	71-23-8	P	E	E	F
Sodium Hydroxide, 30-70%	1310-73-2	E	E	E	E
Sodium Hypochlorite, <30%	7681-52-9	E	E	E	E
Sulfuric Acid, 30-70%	7664-93-9	E	E	G	E
Sulfuric Acid, >70%	7664-93-9	G	E	P	F
Toluene	108-88-3	NS	NS	NS	NS
Toluene Diisocyanate (TDI)	584-84-9	F	G	G	G
Trichloroethylene	79-01-6	NS	NS	NS	NS
Triethanolamine	102-71-6	E	E	E	E
Turpentine	8006-64-2	Not Tested	G	E	P
Xylene (Unidentified Mixture of Isomers)	1330-20-7	NS	NS	G	NS

**Key to Degradation Ratings:** E = Excellent G = Good F = Fair P = Poor NS= Not Suggested

Risk code ratings and their meanings derived from The Chemical Protective Clothing Performance Index Book, 2nd Edition. Copyright 1999.

As with all protective clothing used in applications with potential chemical exposure, the chemical degradation information and claims may vary. Therefore, the information in this chart should be used as a guide only.

The suitability of any protective clothing for a particular application must be determined by testing by the purchaser.