

Chemical Resistance Table PU SAFETY FOOTWEAR



Dissolves



Poor
More than 30% change



Fair
16 - 30% change



Good
4 - 15% change



Excellent
0.3% change

Acetic Acid 3 n	3	Dimethyl Acetamide	5	Methyl Glycol	2
Acetone	2	Diesel Oil	1	Methyl Glycol Acetate	2
Aluminium Chloride 10% Sol.	4	Distilled Water	1	Methylene Chloride	2
Ammonia 3 n	5	Dimethyl Formamide	5	Mineral Oil	5
Ammonium Chloride 10% Sol.	5	Ether	3	Nitric Acid 3 n	1
Aniline	2	Ethanol	3	N-Methyl Pyrrolidone	1
ASTM-Fuel A	2	Ethylene Chloride	2	Ozone	5
ASTM-Fuel B	4	Ethyl Acetate	4	Paraffin Oil	5
ASTM-Fuel C	3	Formic Acid 3 n	4	Perchloroethylene	2
ASTM-Oil 1	5	Ferric Chloride 10% Sol.	2	Petroleum	5
ASTM-Oil 2	5	Freon 22	3	Petroleum Ether	5
ASTM-Oil 3	5	Freon 12	3	Phosphoric Acid 3 n	5
Benzene	2	Glycerine	5	Potassium Chloride 10% & 40% Sol.	5
Benzyl Alcohol	1	Gear Box Oil SAE 90	5	Potassium Dichromate 10% Sol.	5
Bleach	5	Hydrochloric Acid 3 n	5	Potassium Hydroxide 3 n	5
Brake Fluid ATE	5	Glycol	5	Potassium Nitrate	4
Brake Fluid ATS	5	Iso-Octane Fuel 1	5	Potassium Permanganate 5% Sol.	2
Butane	4	Hydrogen Peroxide 3%	5	Propane	4
Butyl Acetate	2	Iso-Octane 50%:50% Toluene = Fuel 3	3	Pyridine	1
Butyl Alcohol	3	Iso-Octane 70%:30% Toluene = Fuel 2	2	Sea Water (Technical)	3
Calcium Chloride 10% & 40% Sol.	5	Kerosine	4	Sodium Bisulphate 10% Sol.	4
Carbon Disulphide	3	Iso-Propanol	5	Sodium Chloride 10% Sol.	5
Carbon Tetrachloride	2	Lubricating Grease: Calcium based	1	Sodium Hypochlorite Sol. PH 13	3
Caustic Soda 10% Sol.	5	Lactic Acid 3 n	5	Sodium Sulphite	4
Chlorobenzene	2	: Sodium based	5	Sulphuric Acid 3 n	1
Chloroform	2	: Lithium based	5	Terpentine (Pine Oil)	4
Chromic Acid 3 n	2	Methane	5	Tetrachloroethylene	2
Citronic Acid 3 n	4	Magnesium Chloride 10% & 30% Sol.	4	Tetrahydrofuran	2
Cyclohexane	4	Methyl Acetate	2	Toluene	2
Cyclohexanon	2	Methanol	2	Trichloroethylene	2
Decalin	3	Methyl Ethyl Ketone 2tr	2	Xylene	2

If you are exposed to any of the acids, oils or chemicals that rate 1, 2 or 3 on the table above, we recommend that you use a shoe/boot with a rubber sole. Please contact us directly for further assistance in this regard.

The above table should be used as a general guide only. Performance in the actual working environment will depend upon the following: temperature of chemicals, concentrations of chemicals and duration of exposure.