

DUAL SEAL®

Chemical resistance table

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Code **Meaning of the code**

0 = No effect
 M = Moderate effect
 S = Severe effect

Note: All tests conducted in environment of 100% solution

Water	Result
Distilled water	0
Sea water – Atlantic	0
Sea water – Pacific	0

Inorganic Acids	Result
Boric Acid 10%	0
Chlorosulphonic Acid	S
Chromic Acid 10%	0
Chromic Acid conc.	M
Hydrochloric Acid 10%	0
Hydrochloric Acid conc.	0
Hydrofluoric Acid conc.	0
Nitric Acid 10%	0
Phosphoric Acid conc.	0
Sulfuric Acid 10%	0
Sulfuric Acid conc.	M

Organic Acids	Result
Acetic Acid 10%	0
Acetic Acid glacial	0
Chloroacetic Acid 10%	0
Citric Acid 10%	0
Formic Acid 10%	0
Lactic Acid 10%	0
Oleic Acid 100%	0
Oxalic Acid 10%	0
Phenol 10%	0
Phenol 100%	0

Organic Acids	Result
Picric Acid 10%	0
Stearic Acid	0
Tannic Acid 10%	0
Tarlic Acid 10%	0

Inorganic Bases	Result
Ammonium Hydroxide conc.	0
Barium Hydroxide conc.	0
Calcium Hydroxide 10%	0
Potassium Hydroxide 10%	0
Sodium Hydroxide 10%	0
Sodium Hydroxide conc.	0

Alcohol	Result
Ammonium Hydroxide 10%	0
Benzyl Alcohol	0
Ethyl Alcohol	0
Isopropyl Alcohol	0
Ethylene Glycol	0
Methyl Alcohol	0
Methyl Ethyl Ketone	0
Glycerol	0
I-Hexanol	0
Resorcinol	0

Aldehydes	Result
Benzaldehyde	0
Butyraldehyde	0
Furfural	0

Amines	Result
Aniline	0
Thiethanolamine	0

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Esthers	Result
Amyl Acetate	0
Dibutyl Sebacate	0
Diocetyl Phthalate	0
Ethyl Acetate	0
Tricresyl Phosphate	0

Ethers	Result
Dibenzyl Ether	M
Diethylene Glycol Monobutyl	M
Ether	M
Ethyl Ether	M
Ethylene/Glycol/Monoethyl Ether	M

Inorganic Salts (25% solutions)	Result
Aluminium Chloride	0
Aluminium Sulphate	0
Ammonium Chloride	0
Ammonium Nitrate	0
Ammonium Phosphate	0
Barium Chloride	0
Barium Sulphide	0
Calcium Chloride	0
Calcium Hypochlorite	0
Cupric Chloride	0
Cupric Sulphate	0
Ferric Chloride	0
Ferric Nitrate	0
Ferrous Sulphate	0
Magnesium Chloride	0
Magnesium Chloride	0
Magnesium Sulphate	0
Nickel Sulphate	0

Inorganic Salts (25% solutions)	Result
Potassium Chloride	0
Potassium	0
Permanganate	0
Potassium Bisulphite	0
Potassium Dichromate	0
Sodium Borate (Borax)	0
Sodium Bicarbonate	0
Sodium Chloride	0
Zinc Chloride	0
Zinc Nitrate	0
Sodium Chloride-Saturated	0

Hydrocarbons	Result
Benzene	M
Cyclohexane	0
Ethylbenzene	M
Heptane	M
Hexane	M
Napthalene	0
Toluene	M
Xylene	M

Halogenated Hydrocarbons	Result
Benzyl Chloride	S
Bromobenzene	S
Carbon Tetrachloride	M
Chloroform	S
Ethylene Dichloride	S
Perchloroethylene	S

Other substituted Hydrocarbons	Result
Carbon Disulphide	M
Nitro benzene	0

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Detergents & other cleaning products	Result
Calgonite 1%	0
Chlorox 1%	0
Chlorox conc.	0
Joy 1%	0
Joy conc.	0
Lestol 1%	0
Lux Flakes 1%	0
Rinse Dry 1%	0
Rinse Dry conc.	0
Tide 1%	0

Natural Fats & Oils	Result
Butter	0
Caster Oil	0
Cottonseed Oil	0
Lard	0
Oleomargarine	0
Olive Oil	0
White Mineral Oil	0

Oils & Fuels	Result
A.S.T.M. No.1 Oil	0
A.S.T.M. No.2 Oil	0
A.S.T.M. No.3 Oil	0
A.S.T.M. Fuel A	0
A.S.T.M. Fuel B	0
A.S.T.M. Fuel C	0
Heating Fuel Oil	0
Jet Aircraft Engine Oil	0

Hydraulic Fluids	Result
Oronite 8200	M
Pydraul F.9	M
Pydraul 60	M
Skydrol	M
Skydrol 500	M

Ketones	Result
Acetone	0

Miscellaneous	Result
Gelatine (sat. sol'n)	0
Glucose (sat. sol'n)	0
Tincture of Iodine	0
Dowgard antifreeze	0