

Chemical Resistance of Simmons Epoxy Resin Sinks

Chemical Resistance (Based on BS EN 438-2:1991) 24 hour spot test.

Acetone	Unaffected.
Acetonitrile	Unaffected.
Aqua regia	Unaffected.
Benzyl alcohol	Unaffected.
Chloroform	Unaffected.
Chloroform - 100%	Unaffected.
Chromic acid pickle (*1)	Unaffected.
Dichloromethane	Surface attack.
Dimethylformamide	Unaffected.
Ethyl acetate	Unaffected.
Hydrochloric acid - 30%	Unaffected.
Hydrochloric acid - concentrated	Unaffected.
Hydrofluoric acid - 40%	Slight bleaching.
Hydrogen Peroxide	Unaffected.
Methanol	Unaffected.
n-Butanol	Unaffected.
Nitric acid 70%	Very slight bleaching.
Nitric acid - concentrated	Slight yellowing.
Nitric acid - fuming	Attack and staining.
Perchloric acid - 0.1N	Unaffected.
Phosphoric acid - concentrated	Unaffected.
Potassium hydroxide pellet (*2)	Unaffected.
Sodium hydroxide - 50%	Unaffected.
Sodium hydroxide pellet (*2)	Unaffected.
Sodium hypochlorite	Unaffected.
Sulphuric acid - 70%	Unaffected.
Sulphuric acid - concentrated	Surface attack.
Xylene	Unaffected.

Mechanical Properties of Epoxy Resin

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