

## MEGAPOXY HT

### CHEMICAL RESISTANCE DATA

Megapoxy is a two part epoxy resin, which when properly cured is resistant to most chemicals. The exceptions are oxidising materials such as concentrated sulphuric and nitric acids, sodium hypochlorite and high strength hydrogen peroxide. Cured Megapoxy was tested under full immersion conditions at room temperature and found to be unaffected by the following chemicals:

Distilled water at 40°C	Hydrochloric acid all concentrations
Petrol	Caustic Soda all Concentrations
Power Kerosene	Carbon Tetrachloride
Diesel Fuel	Glycerine
Crude oil	Styrene monomer
Toluene	5% Acetic acid
Linseed fatty Acid	5% Citric acid
Hydrogen Sulphide Solution 2%	Ammonium Hydroxide 15%
Liquid Detergent	Sodium Carbonate
Methylated Spirits	Coca Cola
Tartaric acid 5%	Sulphuric acid to 70% Concentration
Nitric Acid 5%	Sodium Bisulphate 10%

Megapoxy H is approved by the Australian Water Quality Centre to AS/NZS 4020 – 20002 “Products For Use In Contact With Drinking Water”.

The above results were achieved under full immersion conditions. In practise, exposure to aggressive chemicals is limited to few hours at a time and severity of chemical attack is reduced correspondingly.

