

AerisGuard™ OEM Corrosion Protection

AerisGuard™ OEM Corrosion Protection is a self etching high performance water based epoxy finish. It is designed to protect both ferrous and non ferrous metals as used in the manufacture of refrigeration coils.

AerisGuard™ OEM Corrosion Protection is resistant to the following chemicals at ambient temperatures based on fume resistance testing. The coating is not intended for immersion applications. The table is to be used as a guide only. For specific durability issue please contact Aeris Technologies directly.

Chemical Resistance Guide - Corrosive Agent (Fume Resistance)

Acetic acid	Acetic Acid 10%
Acetone	Allyl sulphide
Aluminium salts	Ammoniacal solution
Ammonium bifluoride > 10 ppm (NR)	Butane
Calcium salts	Carbon dioxide
Carbon disulphide	Carbon monoxide
Chlorine	Copper salts
Dimethyl ethanol amine	Distilled water
Enzyme cleaning solutions	Ethanol
Fermented products and ingredients	Humic acid
Hydrochloric Acid 10%	Hydrochloric Acid 20%
Hydrochloric Acid 30%	Hydrochloric Acid 5%
Hydrofluoric acid > 5 ppm (NR)	Hydrogen
Iron salts	Isopropanol
Kerosene	Lactic acid
Methane	Methanol
Methylated Spirits	Mineral oil
Mineral Turps	Nitric acid > 5 ppm (NR)
Nitrogen	Nitrogen dioxide
Nitrogen monoxide	Oxalic Acid
Petrol	Phosphoric Acid 10%
Phosphoric Acid 20%	Phosphoric Acid 30%
Phosphoric Acid 5%	Phosphoric Acid 50%
Potassium hydroxide > 5 ppm (NR)	Propane
Propanol	Salt spray
Salt water	Sodium hydroxide > 5 ppm (NR)
Sodium salts	Sulphur
Sulphur dioxide	Sulphuric Acid 10%
Sulphuric Acid 20%	Sulphuric Acid 30%
Sulphuric Acid 5%	Tannin
Terpenes	Tin salts
Toluene	1,1,1 Trichloroethane
Various foods and their ingredients	Various fruit acids
Vegetable oils	White spirits
Wood acids	Wood vinegar
Zinc salts	

NR = not recommended
ppm = parts per million

(Not recommended for strong alkalines or oxidising chemicals)