

ENVIRONMENTAL COATINGS

4702 E. Virginia Street
MESA, ARIZONA 85215
480-984-7608

SEWER-SHIELD 100 CHEMICAL RESISTANCE CHART

<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>
Acetic Acid	10%	Gasoline	FS	Palm Oil	FS
Acetic Acid	20%	Glacial Acetic	NR	Perchloroethylene	FS
Acetic Acid	36%	Green Liquor	FS	Peroxyacetic Acid	NR
Acetic Anhydride		n-Hexane	FS	Phenol	NR
Acetone	OS	Hydrobromic Acid	50%	Phosphoric Acid	30% FS
Acrylonitrile	NR	Hydrochloric Acid	37%	Phosphoric Acid	50% FS
Alum	FS	Hydrofluoric Acid	10%	Phosphoric Acid	85% OS
Ammonium Hydroxide	FS	Hydrofluoric Acid	30%	Picric Acid	conc. FS
Ammonium Nitrate	FS	Hydrofluoric Acid	50%	Potassium Nitrate	FS
Aniline	OS	Hydrofluorosilicic Acid	30%	Pyridine	NR
Animal Fats	FS	Hydrogen Peroxide	50%	Salt Brine	FS
Beer	FS	Hydrogen Sulfide Saturated	FS	Silver Nitrate	FS
Benzene	FS	Isporene	FS	Skydrol	FS
Black Liquor	FS	Isopropyl Alcohol	FS	Sodium Chloride	FS
Boric Acid	FS	Jet Fuel	FS	Sodium Hydroxide	30% FS
Brake Fluid	FS	Kerosene	FS	Sodium Hydroxide	50% FS
Butyl Alcohol	FS	Klenzade	FS	Sodium Hypochlorite	5% FS
Butyl Cellusolv	FS	Kodak Developer	FS	Sodium Hypochlorite	10% FS
Calcium Chloride	FS	Lactic Acid	20%	Sodium Hypochlorite	15% FS
Calcium Nitrate	FS	Lactic Acid	50%	Stearic Acid	conc. FS
Carbon Tetrachloride	FS	Lactic Acid	88%	Styrene	OS
Carbonated Beverage	FS	Maleic Acid	OS	Sugars	FS
Chlorine Water	FS	Malic Acid	FS	Sulfamic Acid	conc. FS
Chloroform	NR	Methanol	FS	Sulfuric Acid	10% FS
Chromic Acid, O	30%	Methyl Acetate	FS	Sulfuric Acid	50% FS
Citric Acid	conc.	Methyl Esters	OS	Sulfuric Acid	80% FS
Copper Chloride	FS	Methyl Ehtyl Ketone	OS	Sulfuric Acid	98% FS
Copper Sulfate	FS	Methyl Isobutyl Ketone	FS	Tannic Acid	50% FS
Cumene Hydroperoxide	OS	Methyl Methacrylate	FS	Tartaric Acid	conc. FS
Diesel Fuel	FS	N-Methyl Pyrolidone	NR	Tetrachlorethylene	FS
Detergent	FS	Methyl Salicyate	FS	Tetrahydrofuran	NR
Ethanol	FS	Methylene Chloride	NR	Toluene	FS
Ethyl Acetate	OS	Mineral Oil	FS	1.1.2 Trichloroethane	FS
Ethylene Dichloride	NR	Mineral Spirits	FS	Trichloroethylene	NR
Ethylene Glycol	FS	Nitric acid	10%	Trichlorofluoroethane	FS
Ferric Chloride	FS	Nitric Acid	30%	Tri Sodium Phosphate	FS
Ferrous Chloride	FS	Nitric Acid	50%	Uric Acid	FS
Formaldehyde	OS	Nitric Acid	conc.	Vinagar	FS
Formic Acid	10%	Nitropropane	FS	Water Deionized	FS
Formic Acid	30%	Oleic Acid	FS	Water Distilled	FS
Formic Acid	50%	Oxalic Acid	FS	White Liquor	FS
Freon 113	FS			Xylene	FS

Key: NR - Not Recommended
OS - Occasional Spillage
FS - Frequent Spillage

Note: The above test data was obtained from total immersion tests. The table should be used as a guideline, as no warranty can be expressed or implied regarding the accuracy of the information given as it would apply to actual plant use. Certain chemicals will discolor the epoxy floor, however, this will in no way affect the integrity of the system.