

ENVIRONMENTAL COATINGS

4702 E VIRGINIA STREET

MESA, ARIZONA 85215

602-984-7608

FLEX-GUARD 250 CHEMICAL RESISTANCE CHART

<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>	<u>Chemical</u>	<u>Rating</u>		
Acetic Acid	10%	FS	Gasoline	FS	Palm Oil	FS	
Acetic Acid	20%	OS	Glacial Acetic	NR	Perchloroethylene	FS	
Acetic Acid	36%	NR	Green Liquor	FS	Peroxyacetic Acid	NR	
Acetic Anhydride		NR	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		Silver Nitrate		FS
Benzene		FS	Isporene		Skydrol		FS
Black Liquor		FS	Isopropyl Alcohol		Sodium Chloride		FS
Boric Acid		FS	Jet Fuel		Sodium Hydroxide	30%	FS
Brake Fluid		FS	Kerosene		Sodium Hydroxide	50%	FS
Butyl Alcohol		FS	Klenzade		Sodium Hypochlorite	5%	FS
Butyl Cellulosol		FS	Kodak Developer		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		Sugars		FS
Chlorine Water		FS	Malic Acid		Sulfamic Acid	conc.	FS
Chloroform		NR	Methanol		Sulfuric Acid	10%	FS
Chromic Acid, 0	30%	FS	Methyl Acetate		Sulfuric Acid	50%	FS
Citric Acid	conc.	FS	Methyl Esters		Sulfuric Acid	80%	FS
Copper Chloride		FS	Methyl Ehtyl Ketone		Sulfuric Acid	98%	FS
Copper Sulfate		FS	Methyl Isobutyl Ketone		Tannic Acid	50%	FS
Cumene Hydroperoxide		OS	Methyl Methacrylate		Tartaric Acid	conc.	FS
Diesel Fuel		FS	N-Methyl Pyrolidone		Tetrachlorethylene		FS
Ethanol		FS	Methyl Salicylate		Tetrahydrofuran		NR
Ethyl Acetate		OS	Methylene Chloride		Toluene		FS
Ethylene Dichloride		NR	Mineral Oil		1.1.2 Trichloroethane		FS
Ethylene Glycol		FS	Mineral Spirits		Trichloroethylene		NR
Ferric Chloride		FS	Nitric acid	10%	Trichlorofluoroethane		FS
Ferrous Chloride		FS	Nitric Acid	30%	Tri Sodium Phosphate		FS
Formaldehyde		OS	Nitric Acid	50%	Uric Acid		FS
Formic Acid	10%	OS	Nitric Acid	conc.	Vinegar		FS
Formic Acid	30%	NR	Nitropropane		Water Deionized		FS
Formic Acid	50%	NR	Oleic Acid		Water Distilled		FS
Freon TS		FS	Oxalic Acid		White Liquor		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.