

Standard Presence-Sensing Mats

Outer Shell Specifications - Chemical Resistance Chart



The power of control. Automated.

CHEMICAL	RATING	CHEMICAL	RATING
ACIDS MINERAL			
Chromic	G	White Fuming Nitric	P
Hydrochloric 38%	G	Sulfuric 95%	F
Hydrochloric 10%	E	Sulfuric 10%	G
Muriatic	F	Hydrofluoric 48%	G
Nitric 70%	F	Perchloric	P
Nitric 10%	G	Phosporic	G
Red Fuming Nitric	P	Pickling	G
ACIDS ORGANIC			
Acetic	G	Oleic	F
Citric	E	Oxalic	G
Formic	E	Palmitic	G
Lactic	G	Phenol	G
Lauric	G	Pieric	F
Linoleic	G	Stearic	G
Maleic	G	Tannic	E
ALCOHOLS			
Butyl	G	Isopropanol	G
Butanol	G	Methyl	G
Ethyl	G	Methanol	G
Ethanol	G	Wood	G
Grain	G	Octyl	F
Isobutyl	G	Propyl	G
Isopropyl	G		
ALDEHYDES			
Acetaldehyde	G	Formaldehyde	E
Benzaldehyde	F		
CAUSTICS			
Ammonium Hydroxide	E	Sodium Hydroxide 50%	G
Potassium Hydroxide 50%	G	Sodium Carbonate	G

E = EXCELLENT

G = GOOD

F = FAIR

P = POOR

NR = NOT RECOMMENDED

This chart is meant as a guide only. Since chemical resistance can be improved or lessened by formula changes, we can not guarantee the results obtained, nor do we accept any responsibility for injury or damage that may result from its use. The user should test each formula purchased to their satisfaction before Larco mats are exposed to any potentially hazardous environments.

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AMINES			
Aniline	NR	Monoethanolamine	NR
Diethylamine	NR	Morpholine	NR
Hydrozine	NR	Triethanolamine	NR
Methylamine	NR		
AROMATIC SOLVENTS			
Benzene	NR	Toluene	NR
Benzol	NR	Toluol	NR
Coal Tar Distillate	NR	Xylene	NR
Stoddard Solvent	NR	Xylol	NR
Styrene	NR		
KETONIC SOLVENTS			
Acetone	NR	Methyl Ethyl Ketone	NR
Di-isobutyl Ketone	NR	Methyl Isobutyl Ketone	NR
Hydroquinone	NR		
CHLORINATED SOLVENTS			
Carbon Tetrachloride	NR	Ethylene Dichloride	NR
Chlorobenzene	NR	Methyl Chloride	NR
Chloroform	NR	Methylene Chloride	NR
Chloronapthalene	NR	Perchlorethylene	NR
"Chloreothene" TCE	NR	"Permachlor"	NR
Dechloroethane	NR	Trichloroethylene TCE	NR
PETROLEUM SOLVENTS			
Butylene	F	Naphtha	F
Gasoline	G	Pentane	P
Hexane	F	Petroleum Spirits	P
Iso-Octane	P	Mineral Spirits	F
Kerosene	F		

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MISCELLANEOUS SOLVENTS			
Acrylonitrile	NR	Freon 11-12-21-22	NR
Amyl Acetate	NR	Furfural	NR
Banana Oil	NR	Methyl Bromide	NR
Butyl Acetate	NR	Methyl Methacrylate	NR
Cello-Solve	NR	Nitro Propane	NR
Cyclohexanol	NR	Nitro Methane	NR
Demethyl Formamide	NR	Nitro Benzene	NR
Deoxane	NR	Paint Thinner	NR
Ethyl Acetate	NR	Propyl Acetate	NR
Ethyl Ether	NR	Tetrahydrofuran	NR
Ethyl Formate	NR	Triptane	NR
MISCELLANEOUS CHEMICALS			
Amine Hardeners	F	Hydrogen Peroxide 30%	F
Animal Fats	G	Lacquer Thinner	F
Carbon Disulfide	NR	Linseed Oil	F
Castor Oil	G	Mineral Oils	F
Cotton Seed Oil	G	Paint & Varnish Removers	NR
Creosote	G	Pine Oil	G
Cutting Oil	G	Plating Solutions	E
De-Isocyanate	NR	Printing Inks	E
Debutyl Phthalate	NR	"Skydrol 500"	NR
Diocetyl Phthalate	NR	Toluene Di-Isocyanate	NR
Epoxy Resins, Dry	E	Tricresyl Phosphate	NR
Ethylene Glycol	G	Trinitro Toluol	G
Glycerine	E	Tung Oil	F
Hydraulic Fluid	F	Turpentine	G
		Petroleum Base	F
		Ester Base	P
		Wood Preservative-Penta	F
		Vegetable Oils	F

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