CHEMICAL RESISTANCE CHART

EUCLID CHEMICAL

EUCO DIAMOND HARD

KEY	
O = No Effect	
M = Moderate Effect	
S = Severe Effect	
ACIDS	EFFECT
10% Lactic	М
10% Citric	М
Glacial Acetic	M
10% Acetic	M
10% Formic	M
10% Oxalic	М
10% Tannic	0
10% Chromic	М
10% Hydrochloric	М
Concentrated Hydrochloric	S
10% Nitric	S
Concentrated Phosphoric	М
10% Sulfuric	М
Conentrated Sulfuric	S
ALCOHOLS	EFFECT
Benzyl Alcohol	0
Ethyl Alcohol (Ethanol)	0
Isopropyl Alcohol (Isopropanol)	0
Methyl Alcohol (Methanol)	0
Ethylene Glycol (anti-freeze)	0
MEK	0
SALTS (30% SOLUTIONS)	EFFECT
Ammonium Chloride	М
Ammonium Chloride Ammonium Nitrate	M 0
Ammonium Nitrate	0
Ammonium Nitrate Calcium Chloride	0
Ammonium Nitrate Calcium Chloride Calcium Hypochlorite	0 0 M
Ammonium Nitrate Calcium Chloride Calcium Hypochlorite Cupric Chloride	O O M M
Ammonium Nitrate Calcium Chloride Calcium Hypochlorite Cupric Chloride Ferric Chloride	O O M M
Ammonium Nitrate Calcium Chloride Calcium Hypochlorite Cupric Chloride Ferric Chloride Ferric Nitrate	O O M M M
Ammonium Nitrate Calcium Chloride Calcium Hypochlorite Cupric Chloride Ferric Chloride Ferric Nitrate Magnesium Chloride	O O M M M O M
Ammonium Nitrate Calcium Chloride Calcium Hypochlorite Cupric Chloride Ferric Chloride Ferric Nitrate Magnesium Chloride Potassium Chloride	O O M M M O M M

BASES	EFFECT
5% Ammonium Hydroxide	0
Concentrated Ammonium Hydroxide	0
50% Potassium Hydroxide	М
50% Sodium Hydroxide	М
Concentrated Calcium Hydroxide	0
10% Potassium Hydroxide	М
10% Sodium Hydroxide	М
SOLVENTS	EFFECT
Acetone	0
Benzene/Xylene	0
Carbon Tetrachloride	0
Cyclohexane	0
Dichlorobenzene	М
Dichloroethane	M
HYDRAULIC FLUIDS/OILS/FUELS	EFFECT
Skydrol	0
Automatic Transmission Fluid	0
Brake Fluid	0
Gasoline/Jet Fuel	0
JP-4 Kerosene	0
10W30 Motor Oil	0
Aircraft Motor Oil	0
Heating Oil	0
OTHER CHEMICALS	EFFECT
Formaldehyde	0
10% Urea	0
Cola	0
Mustard	0
Ketchup	0
WATER/MISCELLANEOUS	EFFECT
Tap/Deionized/Distilled Water	0
Sea Water	M
Clorox (beach)	0
Animal Fat, Blood, Urine	0
Alkaline Detergent Cleaning Solution	0

This data should only be used as a guide. EUCO DIAMOND HARD has successfully demonstrated resistance to common chemicals in laboratory testing, however the in-place performance will depend on surface porosity, application rate, chemical concentration, temperature, and dwell time. If chemical resistance is critical, a concrete sample treated with EUCO DIAMOND HARD should be constructed on the job site and subjected to the expected chemical exposure to verify in-place performance. Protect floors from spills and chemical contact as much as possible. Good housekeeping practices and quick clean-up of spills are always recommended to help prevent staining and deterioration of the floor.