

CHEMICAL	CONCENTRATION (WT./WT.)	RATING
ACETONE	<20%	2
ACETONE	<50%	4
ALUM	35%	2
AMMONIUM HYDROXIDE	29.50%	2
AMMONIUM NITRATE	<38%	1
AMMONIUM PHOSPHATE	<12%	1
AMMONIUM POLYSULFIDE: HYDROXIDE 67:33	81%	1
AMMONIUM THIOSULPHATE	60%	1
CALCIUM THIOSULFATE	25%	1
DIESEL FUEL	100%	4
DIETHYLENTRIAMINE PENTA METHYLENE PHOSPHONIC ACID (DPMP)	25%	2
ETHYLENE GLYCOL	5%	1
ETHYLENE GLYCOL	>20%	2
FERRIC CHLORIDE	40%	2
FERRIC CHLORIDE	<35%	1
HYDROCHLORIC ACID	<35%	1
HYDROGEN SULPHIDE (GAS)	100%	2
ISOPROPANOL	100%	2
METAM SODIUM	0.10%	1
NITRIC ACID	5%	1
N-METHYLPYRROLIDONE	100%	4
PHOSPHORIC ACID	<85%	1
POLYALUMINUM CHLORIDE	22%	1
POLY DADMAC	30%	1
POTASSIUM ALUMINUM SULFATE	35%	2
POTASSIUM CHLORIDE	22%	1
POTASSIUM THIOSULPHATE	50%	1
PROPRIONIC ACID	<100%	2
SODIUM BISULPHITE	40%	1

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LEGEND

- 1 Compatible for Continuous Use
- 2 Compatible for Secondary Containment
- 3 Compatible for Splash and Spill
- 4 Not Compatible

CHEMICAL	CONCENTRATION (WT./WT.)	RATING
SODIUM BISULPHITE	40%	1
SODIUM CHLORIDE	<5%	1
SODIUM CYANIDE	3%	2
SODIUM HYDROXIDE	50%	1
SODIUM HYDROXIDE	20%	1
SODIUM HYPOCHLORITE	15%	1
SULFURIC ACID	98%	4
SULFURIC ACID	<50%	1
TRISODIUM PHOSPHATE	<8%	1
UAN 32	100%	1

GENERAL INFORMATION:

PERLASTIC coatings form a flexible liner and can be applied as a spray or using a brush, roller, or trowel. Our coatings will adhere to most clean substrates and previous coatings to provide superior corrosion protection. PERLASTIC materials are UV tolerant, and offer excellent chemical resistance for many applications. All PERLASTIC formulations are safe for confined-space applications, with no solvents or VOCs. This chart is applicable for PERLASTIC SG, RG, and TG products.

Chemical compatibility was confirmed by immersion in aqueous solutions for 42 days according to ASTM D543 and ASTM D412 test methods. Evaluation of mass uptake, tensile strength, and elongation were used to classify chemical compatibility. All testing was conducted at room temperature (72°F, 23°C), unless otherwise stated.

Compatibility rating of "Continuous Use" indicates that the material is compatible with the given chemical for a minimum of 42 days. Compatibility rating of "Secondary Containment" indicates that the material is compatible with the given chemical for 72 hours or less at ambient temperatures (<100°F, 38°C). Compatibility rating for "Compatible against Splash and Spill" indicates the material is compatible with the given chemical for incidental exposure to the chemical for 8 hours or less at ambient temperatures (<100°F, 38°C). PERLASTIC products are not recommended for contact with petroleum products. Consult your GLOBAL POLYMER SOLUTIONS LLC PERLASTIC sales representative for direct exposure to chemicals for compatibility.

Although any information, recommendations, or advice contained herein is given in good faith, GLOBAL POLYMER SOLUTIONS LLC makes no warranty or guarantee, express or implied, (i) that the results described herein will be obtained under end-use conditions, or (ii) as to the effectiveness or safety of any design incorporating its products, materials, services, recommendations or advice.

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