

SOPREMA®

TECHNICAL DEPARTMENT BULLETIN

Tests conducted at 68°F (20°C) for 60 days. Long-term resistances can only be established on officially tested systems.
 + = UNAFFECTED (VALID FOR ALL CONCENTRATIONS UNLESS NOTED OTHERWISE) - = AFFECTED

A	- Acetic Acid, conc.	E	- Ethanol, conc.	M (continued)	S (continued)
	+ Acetic Acid, 10 %		- Ethanol, < 50 %	- Methyl Ethyl Ketone	+ Sodium Chlorate
	- Acetone		- Ether	- Methyl Isolotyl Ketone	+ Sodium Chloride
	+ AmberAcid		- Ethyl Acetate	- Methylene Chloride	+ Sodium Cyanide
	- Ammonia		- Ethyl Glycol Acetate	+ Milk	+ Sodium Fluoride
	+ Ammonium Carbonate	F		+ Mineral Oil	+ Sodium Hydrochloride,10%
	+ Ammonium Chloride		+ Fats (animal)	+ Mineral Water	- Sodium Hydroxide, conc.
	+ Ammonium Perchlorate		+ Fertilizers	- Mixture of Hydrochloric	- Sodium Hydroxide,10%
	+ Ammonium Phosphate		- Formaldehyde, 30 - 40	Acid with Nutric Acid	- Sodium Hydroxide,10 - 50 %
	+ Ammonium Sulfate		+ Formic Acid, < 30 %	- Monostyrene	+ Sodium Hypochloride
	- Aniline		- Formic Acid, 31-85 %	+ Muriatic Solution (5% HCl)	+ Sodium Nitrate
	+ Arsenic	G		N	+ Sodium Perborate
	+ Aviation Fuel		+ Gasoline	+ Nickel Chloride	+ Sodium Perchlorate
B			+ Glucose	+ Nickel Sulfate	- Sodium Peroxide
	+ Barium Chloride		+ Glycerol	- Nitric Acid	+ Sodium Silicate
	+ BariumHydroxide		+ Glycerol	O	+ Sodium Phosphate
	+ Barium Nitrate		+ Glycol		+ Sodium Sulfate
	+ Battery Acid		+ Grease Fat	- Octane	+ Sodium Sulfide
	+ Beer		+ Grease Oil	- Oxalic Acid, conc.	+ Stearic Acid
	+ Bleach	H		+ Oxalic Acid, diluted	+ Surfactant Powder
	- Benzene		+ Heating Oil	+ Oxygenated Gasoline	+ Sugar
	- Benzyl Chloride		+ Hot water (158°F or less)	+ Ozone	- Sulfuric Acid, 10 % or higher
	+ Borax		- Hexanone	P	- Sulfuric Acid, conc.
	+ Butanoic Acid		- Hydrochloric Acid, conc.	+ Paraffin Oil	T
	- Butyl Acetate		+ Hydrochloric Acid, 10% max.	+ Perchloric Acid, < 10 %	- Tetrachloro Ethylene
	+ Butyl Alcohol		- Hydrofluoric Acid, 10-14%	- Perchloric Acid, 20 %	- Tetra Hydro
	- Butyl Aldehyde		+ Hydrogen (ortho) Borate	- Petroleum	- Thicoglycolic Acid
C			+ Hydrogen Bromide	+ Phenol	- Tin Chloride
	+ Calcium Chloride		+ Hydrogen Peroxide	- Phenol, 10 %	+ Toluene
	+ Calcium Formate		+ Hydrogen Sulfide	- Phosphate Esters	- Trichloro Ethane
	+ Calcium Hydroxide		- Hydraulic Fluids	- Phosphoric Acid, conc.	- Trichloro Ethylene
	+ Calcium Hypochlorite		I	+ Phosphoric Acid, 10 %	- Trichloro Ethyl Phosphate
	+ Calcium Nitrate		+ Ind. Acid Cleaner (20%	- Phosphoric Acid, 50 %	+ Trichloro Methane
	- Carbon Sulfide		phosphoric	- Phosphoryl Trichloride	+ Tricresyl Phosphate
	- Carbon Tetrachloride		+ Iron Chloride	+ Phthalic Acid	- Triethanol Amine
	+ Castor Oil		+ Iron Sulfate	- Propionic Acid	- Triethyl Amine
	+ Caustic (20% NaOH solution		+ Isanol	+ Potassium Aluminum Sulfate	- Trifluoro-Silicane
	+ Chlorine (octa) Hydrate	K		+ Potassium Bicarbonate	+ Trinitro Plenol
	- Chloro - Benzene		- Kresol	+ Potassium Bromate	+ Trisodium Phosphate
	- Chromic Acid, conc.	L		+ Potassium Carbonate	+ Trixylene Phosphate
	- Chromic Acid, 10 %		+ Lactic Acid, conc.	+ Potassium Chlorate	+ Turnip Oil
	+ Citric Acid, conc.		+ Lactic Acid, 10 %	+ Potassium Chromium	+ Turpentine Oil
	+ Citric Acid, 10 %		+ Laundry Detergent	+ Potassium Cyanide	U
	+ Cobalt Chloride		+ Lead Acetate	+ Potassium Fluoride	+ Uric Acid
	+ Cobalt Nitrate		+ Linseed Oil	+ Potassium Iodine	+ Urine
	+ Cocoa Butter Oil		+ Lye (1N NaOH, Alkali)	+ Potassium Iron Sulfate	V
	+ Copper Chloride	M		+ Potassium Nitrate	+ Vinegar
	+ Copper Sulfate		+ Machine Oil	- Potassium Permanganate	W
	- Cyclo Hexanol		+ Magnesium Chloride	+ Potassium Phosphate	+ Water, distilled
	- Cyclo Hexanone		+ Magnesium Nitrate	+ Potassium Sulfate	+ Water, drinking
D			+ Magnesium Sulfate	+ Propyl Alcohol	+ Water, ocean
	+ Deicer (CaCl)		+ Manganese Chloride	S	+ Wine
	+ Diesel		+ Manganese Sulfate		X
	+ Dibutyl Phthalate		+ Margarine	+ Salicylic Acid	- Xylene
	- Dimethyl Eniline		+ M - Digallic Acid	+ Sea Water	Z
	+ Diocyl Phthalate		+ Mercury	+ Silver Nitrate	
			+ Mercury Chloride	+ Soap	+ Zinc Chloride
			- Methyl Acetate	+ Sodium Acetate	+ Zinc Nitrate
			- Methyl Alcohol	+ Sodium Bromate	+ Zinc Sulphate
			- Methyl Amine	+ Sodium Bromide	
				+ Sodium Carbonate	

DISCLAIMER: Chemical resistance equates to the length of contact time, the concentration, and the temperature of the chemicals. ALSAN RS resin compatibility testing is typically conducted at 68°F (20°C) for a period of 60-days. Assessment of compatibility relates only to ALSAN RS membranes and surfacing under normal exposure. High concentrations and/or long-term exposure with certain chemicals should be avoided. Therefore, If chemical spills occur, either directly or indirectly from leaking pumps, piping, equipment or handling of chemicals, these should be removed immediately from the surface of the ALSAN RS system and hoses-off with clean cool potable water. User and authorized SOPREMA applicators must determine suitability.