

HERESITE

PROTECTIVE COATINGS®

LLC

Chemical Resistance Guide

Test data for the products published in this guide are determined by immersion of a coated panel in the chemical being tested. Additional information on the coating's resistance is achieved through the coating's history in actual service environments.

Temperature and concentration data are not necessarily the maximum operating conditions. They are the temperature and concentrations at which the specified coating system has been tested. The coating system may be suitable for higher temperatures and different concentrations but additional information or testing would be required.

Date: June 2017
(supersedes all previous copies)

To the best of our knowledge, the technical data contained herein is true and accurate at the date of insurance and are subject to change without prior notice. User must contact laboratory to verify corrections before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to strict quality control. We assume no responsibility for coverage, performance, or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost are subject to change without prior notice. **NO OTHER GUARANTEE OF ANY KIND IS MADE BY SELLER, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OR LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

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800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



HERESITE
PROTECTIVE COATINGS, LLC

Key to the Guide

A	Coating is resistant, for continuous immersion, against attack from the chemical listed
B	Coating is resistant against attack from fumes of the chemical listed. For immersion service of the chemical please refer to a coating with an A or LR listed or contact Heresite Protective Coatings.
C	Coating will provide the necessary 72 hours resistance required for secondary containment. Coatings are not recommended for continuous immersion.
LR	Limited Recommendation, contact Heresite Protective Coatings, Inc. for assistance.
NR	Coating is not recommended for the service conditions.
Blank	Coating has insufficient test data for the service conditions.

Coatings are continuously being tested in a wide range of service conditions. If your condition is not among the ones listed contact Heresite Protective Coatings at 920-684-6646 for assistance.

Coatings Included in This Guide

P-403L	High bake phenolic. P-403L offers excellent resistance to solvents, acids and salts, including 70-98% sulfuric acid at temperatures up to 120F.
P-403L/L-66L	High gloss phenolic system designed for use when abrasion and release properties are required. This system utilizes P-403L as the primer and L-66L as the topcoat.
EP-6379	Baked epoxy phenolic. EP-6379 is resistant to a wide range of pH environments found in fume control devices, chemical, drill, process pipes and is also used in storage and ISO tanks.
P-413	Modified baked phenolic designed for HVAC equipment and light gauge metal. In addition to marine and salt air environments, the P-413 family of coatings will withstand exposure to an extensive variety of corrosive and chemical fumes and condensate.
VR-514	Air dry phenolic. Excellent for resistance to corrosive fume atmospheres and is particularly good in marine and salt air environments. Typical applications include swimming pools, waste water, marine environments and as a general maintenance coating.
UC-5500 Series	Polyurethane. Formulated as a top coat for other Heresite coatings with outstanding UV resistance with excellent weathering qualities, along with good flexibility and good abrasion resistance.

For further information, please contact Heresite Protective Coatings, Inc.

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Chemical Synonyms

Common Name

Chemical Name

Alum	Aluminum Sulfate
Barite	Barium Sulfate
Baking Soda	Sodium Bicarbonate
Bleach	Sodium Hypochlorite
Calcite	Calcium Carbonate
Caustic	Sodium Hydroxide
Caustic Potash	Potassium Hydroxide
Chalk	Calcium Carbonate
Cupric, Cuprous	Copper II & Copper I
Dental Gas	Nitrogen I Oxide
Diuretic Salt	Potassium Acetate
Dry Ice	Carbon Dioxide
Epsom Salt	Magnesium Sulfate
Ferric, Ferrous	Iron III & Iron II
Graphite	Carbon

Common Name

Chemical Name

Laughing Gas	Nitrogen I Oxide
Lime	Calcium Oxide
Lye	Sodium Hydroxide
Magnesia	Magnesium Oxide
Methylene Bromide	Methane Dibromide
Methylene Chloride	Methane Dichloride
Muriatic Acid	Hydrochloric Acid
Potash	Potassium Carbonate
Phenol	Carbolic Acid
Phosgene	Carbonyl Chloride
Pyrite	Iron Disulfide
Soda Ash	Sodium Carbonate
Stannic, Stannous	Tin
Sulphate	Sulfate
Table Salt	Sodium Chloride



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L	P-403L/ L-66L	EP-6379	P-413	VR-514
			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Allyl Alcohol		100°F	A	A		B	
Allyl Chloride	100%	68°F	A	A			
Allyl Glycidyl Ether		70°F	A				
Aluminum Acetate	5%	100°F	A				
Aluminum Chloride	10%	150°F	B	A		B	B
Aluminum Chloride	11%	120°F	B	A		B	B
Aluminum Chloride	25%	150°F				B	B
Aluminum Chloride	100%	70°F	B	LR		B	B
Aluminum Chloride/Benzene	13%	70°F	B				
Aluminum Chlorhydrate		120°F	A	A	A	B	
Aluminum Fluoride	5%	100°F				B	B
Aluminum Fluoride	5%	150°F				B	B
Aluminum Nitrate	50%	70°F	B			B	B
Aluminum Oxide (in Sulfuric Acid)		120°F	A	A	A	B	
Aluminum Oxide (Trihydrate)		120°F	A	A	A	B	
Aluminum Sulfate	46½%	70°F	LR	A	A	B	B
Aluminum Sulfate	46½%	122°F	LR	LR	A	B	B
Aluminum Sulfate	46½%	200°F	LR			B	B
Aluminum Sulfate/Copper Sulfate		120°F	LR	LR	A	B	
Ammonia	10%	100°F	A			B	B
Ammonia	10%	113°F	A			B	B
Ammonia, Aqua	29%	100°F	A			B	NR
Ammonia, Aqua	34%	100°F	A			B	NR
Ammonium Acetate	25%	150°F	B	A		B	B
Ammonium Acetate	75%	200°F		A			
Ammonium Bifluoride		140°F	A				
Ammonium Carbonate	25%	70°F	A				
Ammonium Chloride	33%	110°F	A	A		B	B
Ammonium Diurinate		100°F	A				
Ammonium Fluoride		150°F					NR
Ammonium Hydroxide	5%	70°F	A	A		B	NR
Ammonium Hydroxide	10%	100°F	LR	LR	NR	B	NR
Ammonium Hydroxide	10%	150°F	LR	LR	NR		NR
Ammonium Hydroxide	25%	70°F	A		LR	B	NR
Ammonium Hydroxide	29%	70°F	A	B		B	
Ammonium Hydroxide	29%	100°F	A	NR	NR	B	NR
Ammonium Hydroxide	29%	120°F	B	NR	NR	B	NR
Ammonium Hydroxide	30%	150°F	B	NR	NR		NR
Ammonium Lauryl Sulfate	100%	150°F			NR		
Ammonium Nitrate	50%	70°F	A	A		B	B
Ammonium Nitrate	50%	212°F	A	A	B	B	B
Ammonium Nitrate/Urea 42%/32%		100°F	A				
Ammonium Persulfate	45%	110°F	B			B	B
Ammonium Phosphate, Monobasic	50%	70°F	A			B	B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended
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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Dimethyl Phthalate		70°F	A			B	B
Dimethyl Propane		70°F	A			B	
Dimethyl Sulfoxide (DMSO)		70°F	A				
Dimethyl Sulfoxide (DMSO)		302°F	NR				
Dimethylamine		100°F	A				NR
Dimethylamine (Anhydrous)		100°F	A				NR
Dimethylformamide		70°F	A				
Dioctyl Adipate		100°F	A				
Dioctyl Phthlate Monomeric		100°F	A	A			
Dioctyl Phthlate Monomeric		140°F	A	A			
Diphenol Amine		150°F	A				
Dipropylene Glycol	5%	100°F	A	A		B	
Dipropylene Glycol	100%	150°F	A	A		B	
Dipropylene Glycol Monomethyl ether (DPM)		100°F	A	A		B	
Disodium Phosphate	5%	70°F	A	A			B
Dodecylbenzene Sulfonate		125°F	A			B	B
Dodecylbenzene Sulfonate (Anhydrous)		125°F	A				
Dolchem®	100%	150°F	A				
Dow® heavy duty oven cleaner	100%	70°F	LR	NR	A		
Dow® heavy duty oven cleaner	100%	100°F	NR	NR	B		
Dowtherm		70°F				B	B
Emulsion asphalt	100%	70°F					NR
Epichlorohydrin		100°F	A				
Ethane	100%	70°F	A	A		B	B
Ethanol Amine		70°F		A			
Ethyl Acetate	100%	100°F	A	A	A	B	NR
Ethyl Acetate	100%	120°F	A	A	A	B	NR
Ethyl Acetate	100%	150°F	A	A	A	B	NR
Ethyl Acetate	100%	171°F	A	A		B	NR
Ethyl Acetoacetate		70°F	A	A			
Ethyl Acrylate		70°F	A			B	
Ethyl Alcohol (Ethanol)	50%	100°F	A	A	A	B	B
Ethyl Alcohol (Ethanol)	50%	150°F	A	A		B	B
Ethyl Alcohol (Ethanol)	77%	150°F	A	A		B	B
Ethyl Alcohol (Ethanol)	95%	70°F	A	A	A	B	B
Ethyl Alcohol (Ethanol)	95%	100°F	A	A	A	B	B
Ethyl Alcohol (Ethanol)	95%	150°F	A	A	A	B	B
Ethyl Alcohol (Ethanol)	97%	150°F	A	A		B	B
Ethyl Alcohol (Ethanol)	100%	173°F	A	A		B	B
Ethyl Amide	70%	70°F	A				NR
Ethyl Amide (Anhydrous)	100%	70°F	A				NR
Ethyl Chloride	100%	70°F	A	A		B	
Ethyl Chloride	100%	150°F	A	A		B	
Ethyl Ether (fumes)		70°F	A			B	NR

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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Ethyl Ether (fumes)		94°F	A			B	NR
2-Ethyl Hexacrylate		100°F	A			B	B
2-Ethyl Hexenol		100°F	A			B	
Ethyl Silicate Conc.		100°F	A				
Ethylene Bromide	100%	176°F	A			B	
Ethylene Chloride		100°F	A	A		B	
Ethylene Chlorohydrin		100°F	A	A		B	
Ethylene Chlorohydrin	100%	194°F		A			
Ethylenediamine		70°F	A	A			
Ethylenediaminetetracetic Acid (EDTA)	40%	70°F	A				
Ethylene Dichloride		100°F	A			B	
Ethylene Glycol	100%	70°F	A	A	A	B	B
Ethylene Glycol	100%	120°F	A	A	A	B	B
Ethylene Glycol	100%	150°F	A	A		B	B
Ethylene Glycol Monomethyl Ether Acetate		100°F	A			B	
Ethylene Oxide		100°F	A				NR
Fatty Acid (Coconut)		180°F	A			B	B
Fatty Acid (Cotton)		180°F	A			B	B
Fatty Acid (Oleic)		180°F	A			B	B
Fatty Acid (Soya)		180°F	A			B	B
Ferric Ammonium Citrate Solution		100°F	A				
Ferric Chloride	10%	150°F	A	A	A	B	B
Ferric Chloride	50%	70°F	A	A	A	B	B
Ferric Chloride	50%	150°F	A	A	A	B	B
Ferric Nitrate		150°F				B	B
Ferric Sulfate		150°F	A				B
Ferrous Sulfate	10%	150°F	A	A		B	B
Ferrous Sulfate	25%	150°F				B	B
Ferrous Sulfide	10%	150°F	A	A			
Ferrous Sulfate/Hydrochloric Acid 50%/20%		100°F	B				
Finesse® Shampoo	100%	150°F	A	A	A		
Fish Oil		180°F	A			B	B
Floorstar® TFR II	Conc.	150°F	NR	NR	NR		
Fluosilic Acid		150°F					NR
Formaldehyde	0.17%	150°F	A			B	B
Formaldehyde & Methyl Alcohol (37%-7%)		70°F	A	A	A	B	B
Formaldehyde & Methyl Alcohol (37%-7%)		150°F	A	A	B	B	B
Formaldehyde (unstabilized)	44%	130°F	A			B	B
Formaldehyde	50%	150°F	A		B	B	B
Formic Acid	10%	70°F	LR	LR		B	NR
Formic Acid	10%	150°F	LR				NR
Formic Acid	90%	100°F	NR				NR
Formic Acid	100%	70°F	B			B	NR
Formic Acid	100%	125°F	NR				NR

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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Hydrobromic Acid	30%	150°F	NR			NR	NR
Hydrobromic Acid	48%	150°F	NR	NR	NR	NR	NR
Hydrochloric Acid	2½%	70°F	LR	LR	LR	B	B
Hydrochloric Acid	5%	70°F	LR	LR	LR	B	B
Hydrochloric Acid	10%	70°F	B	B		B	B
Hydrochloric Acid	10%	100°F	B	B	B	B	B
Hydrochloric Acid	10%	150°F	NR				B
Hydrochloric Acid	12½%	70°F				B	B
Hydrochloric Acid	15%	70°F				B	B
Hydrochloric Acid	20%	70°F	B			B	B
Hydrochloric Acid	20%	100°F	B			B	B
Hydrochloric Acid	20%	185°F	NR				NR
Hydrochloric Acid	30%	100°F	B			NR	B
Hydrochloric Acid	30%	150°F	NR				NR
Hydrochloric Acid	37%	70°F					NR
Hydrochloric Acid	37%	150°F	NR		NR		NR
Hydrocyanic Acid		100°F					B
Hydrofluoric Acid	10%	70°F	NR				NR
Hydrofluoric, Vapors		212°F	NR				NR
Hydrofluorosilic Acid	29%	100°F	B				NR
Hydrogen Gas		70°F	A	A		B	B
Hydrogen Gas		350°F		A			
Hydrogen Peroxide	1%	70°F				B	
Hydrogen Peroxide	30%	374°F		B		NR	NR
Hydrogen Peroxide	90%	150°F	NR	NR		NR	NR
Hydrogen Sulfide	3%	70°F	A		NR	B	B
Hydrogen Sulfide	5%	210°F	A		NR		
Hydroquinone		70°F	A				
Hydroxyacetic Acid		77°F	A	A			
Hydroxyacetic Acid		100°F	A				
Hypochloric Acid		70°F	NR			NR	NR
Hyposulfite		100°F				B	B
Ink		100°F	A	A		B	B
Insecticide Bidrin 8 (Amvac)	Conc.	70°F	A		A		
Insecticide CDMAA (Amvac)	Conc.	70°F	A	A	A		
Insecticide Naled (Amvac)	Conc.	70°F	A	A	NR		
Insecticide Nifs T (Monsanto)		100°F	A				
Iodine		75°F	A			B	
Iron Pickle Liquor		150°F				B	B
Iron Sulfate		100°F	A	A		B	B
Iso-par (Isoparaffinic material)		140°F	A				
Isobutane		70°F	A			B	B
Isobutylaldehyde		70°F	A			B	
Isobutyl Alcohol		70°F	A			B	B

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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Isobutyl Alcohol/Formaldehyde 60%/40%		100°F	A				
Isooctyl Alcohol		70°F	A			B	B
Isophorone		70°F	A			B	
Isopropyl Alcohol		70°F	A	A		B	B
Isopropyl Alcohol		150°F	A	A	A	B	B
Isopropyl Acetate		70°F	A	A		B	
Isopropyl Acetate		200°F	A	A			
Jet Fuel		70°F	A	A		B	B
Jet Fuel		100°F	A	A		B	B
Jet Fuel JP-5		120°F	A	A		B	B
Joy® Dish Soap		150°F	A		A		
Kaboom®		120°F	LR	LR	A	B	
Karo Syrup		70°F	A	A	A	B	B
Kelvar		140°F	A				
Kerosene		100°F	A	A		B	B
Kopper Star Distillate		140°F	A				
Lacquer		100°F	A			B	NR
Lacquer Solvent		100°F	A			B	NR
Lactic Acid	10%	140°F	LR	LR		B	B
Lactic Acid	22%	100°F	A				
Lactic Acid	100%	100°F	A	A		B	B
Lanoline® Lotion Shampoo Concentrate		70°F	A				
Lard		70°F	A				
Latex		100°F	A			B	B
Latex #512K (Dow®)		70°F	A			B	B
Latex GR-S Type 3		77°F	A	A		B	B
Latex Rubber		70°F	A			B	B
Leachate Solution (Sour Water)		150°F					
Lead Acetate	10%	150°F	A	A		B	
Levulinic Acid		77°F	A				
Lignin Sulfate		100°F	A				
Lime (Chopped)		100°F	A				
Linoleic Acid		100°F	A			B	B
Lithium Chloride		70°F	LR			B	B
LP Gas		100°F	A	A		B	
Lube Oil (Pennzoil 10W30)		150°F	A	A	A	B	B
Lubricating Oil		70°F	A	A	A	B	B
Lubricating Oil		182°F	A	A		B	B
Lysol®		70°F	A				
Magnesium Carbonate		150°F	A			B	B
Magnesium Chlorate		150°F				B	B
Magnesium Chloride	40%	100°F	A	A		B	B
Magnesium Chloride	5%	70°F				A	
Magnesium Chloride	50%	70°F	A			B	B

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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Magnesium Hydroxide Slurry		150°F	A		A	B	B
Magnesium Nitrate		150°F				B	B
Magnesium Oxide	20%	70°F	A			B	B
Magnesium Sulfate		100°F	A			B	B
Magnesium Sulfate		150°F	A			B	B
Maleic Acid	50%	70°F	A			B	B
Maleic Anhydride		100°F	A				
Maleic Anhydride		250°F	A				
Malic Acid		100°F	LR			B	B
Manganese Ammonium Sulfate		100°F				B	B
Manganese Chloride		100°F	A	A		B	B
Manganese Sulfate		150°F	A			B	B
Martan B® liquid (Marathon Oil)		100°F	A				
Mayonnaise		150°F	A		A		
MEK Peroxide (45% in Dimethyl Phthalate)		70°F	A	B	NR	B	NR
Melamine		70°F	NR	NR			
Melamine Resin Solution		100°F	A			B	B
Mercuric Chloride		100°F	A	A		B	B
Methyl Acetate	96%	100°F	A			B	NR
Methyl Acrylate		100°F	A	A		B	
Methyl Alcohol	100%	70°F	A	A	A	B	B
Methyl Alcohol	100%	120°F	A	A	A	B	B
Methyl Alcohol	100%	148°F	A	A	B	B	B
Methyl Butane		100°F	A			B	B
Methyl Cellosolve (Glycol EM)		70°F	A	A	B	B	
Methyl Cellosolve (Glycol EM)		120°F	A	A	B	B	NR
Methyl Chloride		100°F	A			B	NR
Methyl Chloride		150°F	A			B	NR
Methyl Ether		50°F	A			B	NR
Methyl Ethyl Ketone	100%	100°F	A	A	B	B	NR
Methyl Ethyl Ketone	100%	150°F	A	A		B	NR
Methyl Fluoride		150°F	A			B	NR
Methyl Isobutyl Carbinol		70°F	A			B	
Methyl Isobutyl Ketone (MIBK)		70°F	A	A		B	NR
Methyl Mercaptan		70°F	A				
Methyl Methacrylate		100°F	A	A	NR	B	
Methyl Propane		70°F	A			B	B
Methylene Bromide		100°F	A	A			
Methylene Chloride	100%	77°F	A	A		B	NR
Methylene Chloride	100%	100°F	A	A		B	NR
Methylene Chloride	100%	113°F	A	A		B	NR
Methylene Chlorobromide		70°F	A			B	NR
Methylene Diisocyanate		100°F	A				
n-Methylpyrrolidone	100%	275°F	A			B	

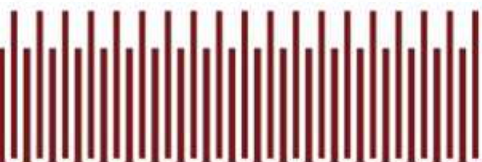
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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Nitrobenzenesulfonic Acid		100°F	A	A			
o-Nitrochlorobenzene		180°F	A			B	
p-Nitrochlorobenzene		100°F	A			B	B
Nitrogen		100°F	A	A		B	B
Nitrogen		300°F	A	A			
Nitrophenol		250°F	A	A	NR	B	NR
1-Nitropropane		70°F	A			B	B
Nonylphenol		100°F	A			B	
Nonylphenol		180°F	A			B	
n-Octyl Alcohol		70°F	A			B	B
Nu-Calgon Evap Pow'r-C	100%	70°F				A	LR
Nu-Calgon Evap-Green	100%	70°F				A	LR
Nu-Calgon Green Clean	100%	70°F				A	LR
Nu-Calgon Cal-Green	100%	70°F				A	LR
Nu-Calgon Tri-Pow'r HD	100%	70°F				A	LR
Nu-Calgon TriClean 2x	100%	70°F				A	LR
Nu-Calgon Nu-Solve NR	100%	70°F				A	LR
p-t-Octyl Phenol		250°F	A				
Oil, Cutting		140°F	A			B	B
Oil, water soluble		70°F	A			B	
Oleic Acid		70°F	A			B	B
Oleic Acid		250°F	A				
Oleomargarine		70°F	A				
Oleum		100°F	B				NR
Olive Oil		70°F	A			B	B
Orange Concentrate		70°F	A			B	
Orange Soda Concentrate		70°F	A			B	
Oxalic Acid		70°F	A			B	B
Oxalic Acid		160°F	A			B	
Oxygen		70°F	A	A		B	B
Ozone			NR	NR		NR	
Palm Oil		70°F	A	A		B	B
Palm Oil		150°F	A	A		B	B
Palm Oil (Crude)		250°F	A	A		B	NR
Palmitic Acid		200°F	A			B	B
Palmolive® Dish soap		150°F	A				
Paraformaldehyde	50%	150°F	A			B	
Paraldehyde		70°F	A			B	
Peanut Butter		70°F	A	A			
Peanut Oil		70°F	A				
1,3-Pentadiene		100°F	A			B	B
Pepper		70°F	A			B	
Pepperoni						NR	
Perchloric Acid	20%	70°F		B			NR

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Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L	P-403L/ L-66L	EP-6379	P-413	VR-514
			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Perchloroethylene		200°F	A			B	NR
Phenol	3%	70°F	A			B	NR
Phenol	5%	150°F	A				
Phenol	50%	150°F	A	A			
Phenol	90%	100°F	A	A			NR
Phenol	90%	150°F	A	A			NR
Phenol	100%	150°F	A	A			NR
Phenylenediamine	50%	70°F	A				
Phenylhydrazine		70°F	B				
1-Phenyl-2-methyl-1,2-propanediamine		70°F	A				
Phosphoric Acid	10%	70°F	B		B	B	B
Phosphoric Acid	10%	150°F	B	B		B	B
Phosphoric Acid	25%	100°F	B	B	B		
Phosphoric Acid	25%	150°F	B	B			
Phosphoric Acid	50%	150°F	NR	NR			
Phosphoric Acid	75%	100°F			B		
Phosphoric Acid	75%	150°F	NR	NR			
Phosphoric Acid	85%	70°F	B			B	B
Phosphorus Oxychloride		70°F	A				
Phosphorus Trichloride		70°F	A				NR
Phthalic Acid	90%	70°F	A				
Phthalic Anhydride	80%	70°F	A				
Phthalic Anhydride, Concentrated (Mother Liquor)		100°F	A				
Phthalic Anhydride, molten		347°F	A				
Pickling Acid, sulfuric		150°F				B	B
Picric Acid		70°F				B	B
Pine Oil		70°F	A	A	A	B	B
Pine Oil		100°F	A	A	A	B	B
Polyaluminum Chloride		70°F	A				
Polyethylate Nonylphenol	70%	100°F	A			B	
Polyethylene Glycol		100°F	A			B	
Polyols		100°F	A				
Polyvinyl Acetate Emulsion		70°F	A	A		B	
Polyvinyl Chloride Pellets		70°F					
Potassium Acetate	25%	150°F	A	A	A	B	B
Potassium Bicarbonate		150°F				B	B
Potassium Bisulfate		100°F				B	B
Potassium Bromate	7%	70°F	A	NR	A	B	NR
Potassium Bromate	7%	150°F	B	NR	A	B	NR
Potassium Bromide	10%	150°F	A	A	A	B	B
Potassium Bromide	100%	70°F	A			B	B
Potassium Carbonate	10%	150°F	B	B		B	B
Potassium Chloride	10%	70°F	A	A	A	B	B
Potassium Chloride	10%	150°F	A	A	A	B	B

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Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L	P-403L/ L-66L	EP-6379	P-413	VR-514
			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Potassium Chloride	25%	150°F	A	A	A	B	B
Potassium Chloride	100%	70°F	A			B	B
Potassium Chromate	10%	150°F	A	A		B	
Potassium Cuprocyanide		100°F				B	B
Potassium Cyanate		150°F				B	B
Potassium Dichromate	10%	150°F	A	A		B	B
Potassium Ferricyanide	25%	150°F	A	A		B	B
Potassium Ferrocyanide		70°F	A			B	B
Potassium Fluoride		70°F	A			B	B
Potassium Hydroxide	10%	100°F	NR			NR	NR
Potassium Hydroxide	10%	150°F	NR				
Potassium Hydroxide	50%	70°F	NR	NR		B	NR
Potassium Hydroxide	50%	150°F	NR	NR		NR	NR
Potassium Hypochlorite		100°F	NR			NR	NR
Potassium Iodide	25%	150°F	A	A	B	B	B
Potassium Nitrate	50%	70°F	A			B	B
Potassium Nitrite		150°F					B
Potassium Oleate		150°F	A				
Potassium Permanganate		70°F	B			B	B
Potassium Persulfate		150°F				B	B
Potassium Phosphate		100°F	A			B	B
Potassium Sulfate		150°F	A			B	B
Potassium Sulfide		150°F				B	B
Potassium Thiosulfate		100°F				B	B
Propane		100°F	A	A		B	B
Propionaldehyde		70°F	A			B	
Propionic Acid		70°F	LR				
n-Propyl Acetate		70°F	A	A		B	
n-Propyl Alcohol	100%	70°F	A	A		B	B
n-Propyl Alcohol		100°F	A	A		B	B
n-Propyl Alcohol		150°F	A	A		B	B
Propylene		100°F	A			B	B
Propylene Glycol		100°F	A	A		B	
Propylene Glycol Monomethyl Ether (PM)		150°F	A	A	NR	B	
Propylene Oxide		70°F	A				
Propylenediamine		70°F	A				NR
Prune Juice		100°F	A			B	B
Pyridine		100°F	A			B	
Pyrogallic Acid		70°F				B	B
Quaternary Ammonium Chlorides		100°F	A				
Rapeseed Oil		70°F	A	A		B	B
Rocadyna (PVP)		150°F	A		NR		
Rochelle Salts		100°F	A			B	B
Rosin (wood)		388°F	A			B	B

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Heresite Chemical Resistance Guide

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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Rubber Latex		77°F	A			B	
Sake Wine		100°F	A	A		B	
Salicylic Acid	10%	150°F	A	A		B	B
Salomi		70°F				NR	
Saturated Lime & Calcium		374°F		NR			
Sauve® shampoo	100%	70°F	A				
Scale Gone 70 (MEC Corporation)	17%	150°F	A	A			
Silicic Acid		100°F				B	B
Silver Nitrate	20%	150°F	A	A	B	B	B
Silver Plating Solution		150°F				B	B
Sodium Acetate	25%	70°F	A	A	A	B	B
Sodium Acetate	25%	150°F	A	A	A	B	B
Sodium Acetate	50%	150°F	A	A	A	B	B
Sodium Aluminate		100°F				B	B
Sodium Bicarbonate		150°F	B			B	B
Sodium Bisulfate	10%	150°F	A			B	B
Sodium Bisulfate	25%	150°F	A	NR		B	B
Sodium Bisulfide		100°F				B	B
Sodium Bisulfite	25%	150°F	A	A		B	B
Sodium Borate		100°F	A			B	B
Sodium Bromide		150°F	A			B	B
Sodium Carbonate	10%	176°F	A	B	A	B	B
Sodium Carbonate	15%	185°F	A		A		
Sodium Carbonate	20%	140°F	A			B	B
Sodium Carbonate	50%	70°F	A			B	B
Sodium Carbonate	99%	100°F	A			B	B
Sodium Chlorate	46%	120°F	NR	NR	A		
Sodium Chlorate	50%	70°F	A	LR	A	B	B
Sodium Chlorate	50%	120°F	LR	LR	A		
Sodium Chloride	5%	70°F				A	
Sodium Chloride	5%	150°F	A	A		B	B
Sodium Chloride	20%	77°F	A	A		B	B
Sodium Chloride	20%	200°F	A				
Sodium Chloride	40%	200°F	A			B	B
Sodium Chlorite		100°F	B			B	B
Sodium Chlorite	25%	120°F	NR	NR	NR	NR	NR
Sodium Chromate	50%	70°F	A			B	B
Sodium Cyanide	20%	100°F	B			B	B
Sodium Dichromate		100°F	B			B	B
Sodium Ferricyanide		100°F				B	B
Sodium Fluoride	25%	122°F	A	A		B	NR
Sodium Fluoride	25%	150°F	A	A		B	NR
Sodium Formate	22%	180°F	A			B	
Sodium Formate	48%	150°F	A				

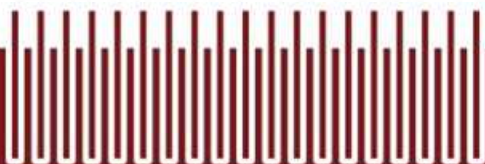
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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Sodium Formate	50%	250°F				B	
Sodium Hydrosulfide (Sodium Bisulfide)		100°F				B	B
Sodium Hydroxide	½%	176°F	A	B	A		NR
Sodium Hydroxide	1%	100°F			A	NR	NR
Sodium Hydroxide	2%	77°F		B	A	B	NR
Sodium Hydroxide	2%	176°F	NR	NR	A	NR	NR
Sodium Hydroxide	5%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	5%	150°F	NR	NR	A	NR	NR
Sodium Hydroxide	8%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	10%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	10%	120°F	NR	NR	A	NR	NR
Sodium Hydroxide	10%	150°F	NR	NR		NR	NR
Sodium Hydroxide	10%	200°F	NR	NR		NR	NR
Sodium Hydroxide	20%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	20%	200°F	NR	NR		NR	NR
Sodium Hydroxide	25%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	28%	70°F	NR	NR	A	B	NR
Sodium Hydroxide	30%	150°F	NR	NR	A	NR	NR
Sodium Hydroxide	40%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	40%	150°F	NR	NR	A	NR	NR
Sodium Hydroxide	50%	70°F	NR	NR	A	B	NR
Sodium Hydroxide	50%	100°F	NR	NR	A	NR	NR
Sodium Hydroxide	50%	150°F	NR	NR	A	NR	NR
Sodium Hydroxide	73%	160°F	NR	NR	B	NR	NR
Sodium Hydroxide	73%	250°F	NR	NR		NR	NR
Sodium Hydroxide	75%	150°F	NR	NR		NR	NR
Sodium Hypochlorite (Bleach)	5%	70°F	NR	NR	NR	B	NR
Sodium Hypochlorite (Bleach)	5½%	100°F	NR	NR	NR	B	NR
Sodium Hypochlorite (Bleach)	5½%	140°F	NR	NR	NR	NR	NR
Sodium Hypochlorite (Bleach)	5½%	150°F	NR	NR	NR	NR	NR
Sodium Hypochlorite	12½%	70°F	NR	NR	NR	NR	NR
Sodium Hypochlorite	15%	70°F	NR	NR		NR	
Sodium Hypophosphite	5%	70°F	A				
Sodium Metaphosphate	5%	70°F	A				
Sodium Metaphosphate	12½%	100°F	A				
Sodium Nitrate		100°F	A			B	B
Sodium Nitrite		150°F				B	B
Sodium Oleate		100°F	A			B	B
Sodium Permanganate		150°F				B	B
Sodium Peroxide		100°F	B			B	B
Sodium Phosphate	50%	70°F	B			B	B
Sodium Polyacrylate		70°F	A				
Sodium Propionate	20%	70°F	A			B	
Sodium Silicate		150°F	A			B	B

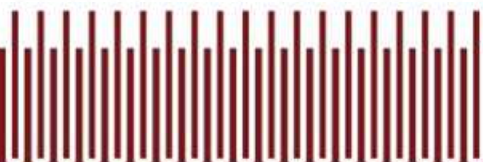
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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Sodium Sulfate	10%	150°F	A	A	A	B	B
Sodium Sulfate	25%	150°F	A	A	A	B	B
Sodium Sulfate	30%	150°F	A	A	A	B	B
Sodium Sulfate	30%	200°F	A	A	A	B	B
Sodium Sulfate Nickle Pickling Solution		150°F				B	B
Sodium Sulphhydrate		100°F	A				
Sodium Sulfite	10%	150°F	A	A	A	B	B
Sodium Sulfite	10%	180°F	A	A	A	B	B
Sodium Sulfite	25%	150°F	A	A	A	B	B
Sodium Thiocyanate	10%	70°F	LR				
Sodium Thiocyanate	50%	70°F	LR				
Sodium Thiosulfate	10%	150°F	A	A	A	B	B
Sodium Thiosulfate	30%	100°F	A	A	A	B	B
Sodium Thiosulfate	30%	120°F	A	A	A	B	B
Sodium ThioSulfate	30%	150°F	A	A	A	B	B
Sodium Toluene Sulfonate	40%	100°F	A				
Sodium Xylene Sulfonate		100°F	NR				
Solo® Laundry detergent	100%	150°F	B		NR		
Sorbitol	conc.	100°F	A	A		B	
Soya Oil		180°F	A			B	B
Soybean Hydrase		70°F	A	A	A	B	
Soybean Hydrase		150°F	A	A	A	B	
Soysauce	100%	150°F	A		A		
Sparkle	100%	70°F				A	
Spor-Klenz®	1%					A	B
Spor-Klenz®	100%					A	
Stannic Chloride		100°F	B			B	B
Stannous Chloride		100°F				B	B
Starch		150°F	A	A		B	B
Steam		225°F	A	A	NR	B	NR
Steam		250°F	A	A	NR	B	NR
Steam		290°F	A	A	NR		NR
Stearic Acid	90%	160°F	A	A		B	B
Stoddard Solvent		150°F	A	A		B	B
Strawberry Preserves		70°F	A				
Styrene		70°F	A				
Styrene Butadiene Latex (pH 7-9)		140°F	A	A			
Sugar Mixture		70°F	A			B	B
Sulfamic Acid	20%	70°F	A			B	B
Sulfamic Acid	50%	70°F	A			B	B
Sulfur	100%	300°F	A		B	B	NR
Sulfur Chloride		100°F					NR
Sulfur Dioxide		150°F	A				LR
Sulfur Trioxide		100°F					NR

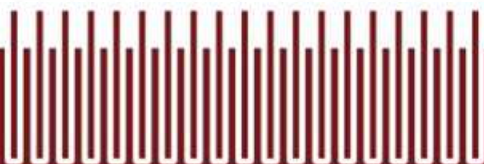
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			High bake phenolic	High gloss bake phenolic system	Baked epoxy phenolic	Modified baked phenolic	Air dry phenolic
Zinc Acetate	10%	100°F	A			B	B
Zinc Acetate	30%	100°F	A			B	B
Zinc Calcium Bromide		150°F	A	A	A	B	B
Zinc Chloride	10%	150°F	A	A		B	B
Zinc Chloride	40%	70°F	A			B	B
Zinc Chloride	50%	70°F	LR	LR		B	B
Zinc Nitrate		100°F	B	B		B	B
Zinc Plating Solution		150°F	B	B		B	B
Zinc Sulfate		100°F	B	B		B	B

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Heresite UC-5500 Series Chemical Resistance

Solvents:	Rating	Acid:	Rating	Oils:	Rating	Miscellaneous:	Rating
MEK	VG	Acetic Acid 5%	E	Dirty Motor Oil	VG	Bleach	E
Toluene	VG	Acetic Acid 10%	E	Brake Fluid	VG	Dowanol PM	VG
Xylene	VG	Sulfuric Acid 5%	E	Skydrol	VG	Water	E
Unleaded Gas	VG	Sulfuric Acid 10%	E	Diesel Fuel	E	Hydrogen Peroxide 3%	E
Denatured Alcohol	E	Sulfuric Acid 50%	E	Aviation Hydraulic Fluid	G	Povidone Iodine 10%	G
Methanol	VG	Hydrochloric Acid 5%	E	10W30	E	TSP 1%	E
Mineral Spirits	E	Hydrochloric Acid 10%	E	Aircraft Motor Oil	E	TSP 10%	E
Triethylamine	VG	Hydrochloric Acid 37%	VG	Disc Brake Fluid	G	Windex w/ ammonia	E
N-Butanol	VG	Phosphoric Acid 10%	E			Pot Ash	E
MIBK	VG	Phosphoric Acid 50%	E	Salts and Bases:	Rating	Phosphate Fertilizer	E
Phenol PM Acetate 5%	G	Phosphoric Acid 85%	E	Sodium Hydroxid 10%	E	Nitrogen Fertilizer 28%	E
Isopropyl Alcohol	E	Oleic	E	Sodium Hydroxide 50%	E		
Butyl Cellosolve	VG			Ammonium Hydroxide 10%	E		
Perchlorethylene	VG			Ammonium Hydroxide 28%	E		
Ethylene Glycol	E						

E – Excellent, VG – Very Good, G – Good

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