

HERESITE

PROTECTIVE COATINGS®

LLC

Chemical Resistance Guide

Test data for the products published in this guide are determined by laboratory testing of coated panels with 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 concentration 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.

Concentration is not shown for all chemicals listed in the chemical resistance guide. In many cases, the concentration is inherent to the particular material. For example, if the chemical listed is a solid, the concentration is 100%. There are other cases where the concentration is included in the description of the chemical that was tested. If a specific question about concentration is not resolved by these guidelines, please contact Heresite for further assistance.

Date: May 2023
(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.**

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 is not recommended for continuous immersion.	but
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, please contact Heresite Protective Coatings at 920-684-6646 for assistance.

Coatings Included in This Guide

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.
HereShield	Air dry water-based acrylic coating designed for HVAC equipment and light gauge metal. HereShield is formulated as a low-VOC direct to metal coating. It exhibits excellent corrosion resistance, UV resistance and weathering qualities, along with good adhesion to ferrous and non-ferrous metals without complex pretreatment or primers.
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, wastewater, 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 and excellent weathering qualities, along with good flexibility and abrasion resistance.

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

Chemical Synonyms

Common Name

Chemical Name

Alum
Barite
Baking Soda
Bleach
Calcite
Caustic
Caustic Potash
Chalk
Cupric, Cuprous
Dental Gas
Diuretic Salt
Dry Ice
Epsom Salt
Ferric, Ferrous
Graphite

Aluminum Sulfate
Barium Sulfate
Sodium Bicarbonate
Sodium Hypochlorite
Calcium Carbonate
Sodium Hydroxide
Potassium Hydroxide
Calcium Carbonate
Copper II & Copper I
Nitrogen I Oxide
Potassium Acetate
Carbon Dioxide
Magnesium Sulfate
Iron III & Iron II
Carbon

Common Name

Chemical Name

Laughing Gas
Lime
Lye
Magnesia
Methylene Bromide
Methylene Chloride
Muriatic Acid
Potash
Phenol
Phosgene
Pyrite
Soda Ash
Stannic, Stannous
Sulphate
Table Salt

Nitrogen I Oxide
Calcium Oxide
Sodium Hydroxide
Magnesium Oxide
Methane Dibromide
Methane Dichloride
Hydrochloric Acid
Potassium Carbonate
Carbolic Acid
Carbonyl Chloride
Iron Disulfide
Sodium Carbonate
Tin
Sulfate
Sodium Chloride

Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Acetaldehyde		60°F/21°C	A		B	NR	NR
Acetaldehyde		100°F/37°C	A		B	NR	NR
Acetic Acid	5%	100°F/37°C	LR		B		
Acetic Acid	10%	70°F/21°C	LR	LR	B	NR	NR
Acetic Acid	10%	100°F/37°C	LR	LR	B	NR	NR
Acetic Acid	10%	150°F/65°C	B	B	B	NR	NR
Acetic Acid	25%	70°F/21°C	LR	LR	B	NR	NR
Acetic Acid	25%	150°F/65°C	B	B	B	NR	NR
Acetic Acid	50%	100°F/37°C	LR	LR	B	NR	NR
Acetic Acid	50%	120°F/48°C	LR	NR	B	NR	NR
Acetic Acid	50%	150°F/65°C	LR	NR	B	NR	NR
Acetic Acid	56%	100°F/37°C	B	B	B	NR	NR
Acetic Acid	100%	100°F/37°C	B	B	B	NR	NR
Acetic Acid	100%	120°F/48°C	B	B	B	NR	NR
Acetic Acid	100%	150°F/65°C	B	B	B	NR	NR
Acetic Acid, Glacial		70°F/21°C	B	B	B		
Acetic Acid, Vapors		350°F/176°C	A	A		NR	NR
Acetic Acid 100% & ½% Sulfuric Acid		77°F/25°C	B	B			
Acetic Anhydride	100%	70°F/21°C	A	A	B	NR	NR
Acetic Anhydride/ Acetic Acid (50%/50%)		175°F/79°C		NR			
Acetone		70°F/21°C	A	A	B	B	NR
Acetone		100°F/37°C	A	A	B	B	NR
Acetone		134°F/56°C	A	A	B	NR	NR
Acetophenone		100°F/37°C	A				
Acetylene		150°F/65°C	A	A	B	B	B
Acid Copper Bath		150°F/65°C			B	B	B
Acid-Klenz (Klenzode Products)		100°F/37°C	A				
Acrylamide		100°F/37°C	A				
Acrylic Latex 103-100		150°F/65°C	A	A	B		
Acrylic Syrup		100°F/37°C	A				
Acrylonitrile		70°F/21°C	A	A	B		
Acrylonitrile		171°F/77°C	A	A			
Activated Carbon, Slurry		70°F/21°C	A				
Adipic Acid/Ethyl Alcohol 60%/40%		70°F/21°C	A		B		
Agree® Shampoo	100%	150°F/65°C	A	A			
Alcohol Mash (distillery)		210°F/98°C	A	A	B	B	B
Alcolated Cresol		180°F/82°C	A				
Alkaline Electrotinning		150°F/65°C			B	B	B
Alkyl Benzene		100°F/37°C	A		B		
Alkyl Chloroformate	100%	68°F/20°C	A		B		
Alkylaryl Sulfonate	2%	70°F/21°C	A	A			
Alkylaryl Sulfonate	2%	100°F/37°C	A	A			
Alkylaryl Sulfonate	100%	100°F/37°C	A	A			
Alkylaryl Sulfonate	100%	151°F/66°C	NR			NR	NR
Allyl Alcohol		100°F/37°C	A	A	B		
Allyl Chloride	100%	68°F/20°C	A	A			
Allyl Glycidyl Ether		70°F/21°C	A				
Aluminum Acetate	5%	100°F/37°C	A				
Aluminum Chloride	10%	150°F/65°C	B	A	B	B	B
Aluminum Chloride	11%	120°F/48°C	B	A	B	B	B
Aluminum Chloride	25%	150°F/65°C			B	B	B
Aluminum Chloride	100%	70°F/21°C	B	LR	B	B	B
Aluminum Chloride/Benzene	13%	70°F/21°C	B				
Aluminum Chlorhydrate		120°F/48°C	A	A	B		
Aluminum Fluoride	5%	100°F/37°C			B	B	B
Aluminum Fluoride	5%	150°F/65°C			B	B	B
Aluminum Nitrate	50%	70°F/21°C	B		B	B	B
Aluminum Oxide (in Sulfuric Acid)		120°F/48°C	A	A	B		
Aluminum Oxide (Trihydrate)		120°F/48°C	A	A	B		
Aluminum Sulfate	46½%	70°F/21°C	LR	A	B	B	B
Aluminum Sulfate	46½%	122°F/50°C	LR	LR	B	B	B
Aluminum Sulfate	46½%	200°F/93°C	LR		B	B	B
Aluminum Sulfate/Copper Sulfate		120°F/48°C	LR	LR	B		
Ammonia	10%	100°F/37°C	A		B	B	B
Ammonia	10%	113°F/45°C	A		B	B	B
Ammonia, Aqua	29%	100°F/37°C	A		B	B	B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Ammonia, Aqua	34%	100°F/37°C	A		B	B	B
Ammonium Acetate	25%	150°F/65°C	B	A	B	B	B
Ammonium Acetate	75%	200°F/93°C		A			
Ammonium Bifluoride		140°F/40°C	A				
Ammonium Carbonate	25%	70°F/21°C	A				
Ammonium Chloride	33%	110°F/43°C	A	A	B	B	B
Ammonium Diurinate		100°F/37°C	A				
Ammonium Fluoride		150°F/65°C					NR
Ammonium Hydroxide	5%	70°F/21°C	A	A	B	B	NR
Ammonium Hydroxide	10%	100°F/37°C	LR	LR	B	B	NR
Ammonium Hydroxide	10%	150°F/65°C	LR	LR			NR
Ammonium Hydroxide	25%	70°F/21°C	A		B	B	NR
Ammonium Hydroxide	29%	70°F/21°C	A	B	B	B	
Ammonium Hydroxide	29%	100°F/37°C	A	NR	B	B	NR
Ammonium Hydroxide	29%	120°F/48°C	B	NR	B	B	NR
Ammonium Hydroxide	30%	150°F/65°C	B	NR			NR
Ammonium Lauryl Sulfate	100%	70°F/21°C					
Ammonium Nitrate	50%	70°F/21°C	A	A	B	B	B
Ammonium Nitrate	50%	212°F/100°C	A	A	B	B	B
Ammonium Nitrate/Urea 42%/32%		100°F/37°C	A				
Ammonium Persulfate	45%	110°F/43°C	B		B	B	B
Ammonium Phosphate, Monobasic	50%	70°F/21°C	A		B	B	B
Ammonium Stearate		70°F/21°C	A				
Ammonium Stymer Solution		70°F/21°C	A				
Ammonium Sulfamate		70°F/21°C	A	A			
Ammonium Sulfate, Liquid slurry		70°F/21°C	A		B	B	B
Ammonium Sulfate, Liquid slurry		200°F/93°C	A				
Ammonium Sulfate/Sodium Sulfate 6%/6%		150°F/65°C	A				
Ammonium Sulfide	40%	100°F/37°C	A		B	B	B
Ammonium Sulfite	50%	70°F/21°C	A				
Ammonium Thiocyanate Solution		100°F/37°C	A		B	B	B
Ammonium Thiosulfate	60%	100°F/37°C	A	A			
Amyl Acetate	100%	70°F/21°C	A	A	B	B	B
Amyl Acetate	100%	100°F/37°C	A	A	B	B	B
Amyl Acetate	100%	150°F/65°C	A	A	B		
Amyl Alcohol		70°F/21°C	A	A	B		
Amyl Alcohol		150°F/65°C	A	A	B		
Aniline		100°F/37°C	A	A	B	B	B
Aniline Hydrochloride		150°F/65°C			B	B	B
Aqualum (Altvia)		120°F/48°C	LR	LR	B		
Aqua regia		70°F/21°C	NR		NR	NR	NR
Aqueous Ammonium Chloride 17% & 4% MeOH		147°F/63°C	A				
Arquad 2HT (Armour®) 75% Active		167°F/75°C	A				
Arquad and Isopropyl Alcohol		158°F/70°C	A				
Ascorbic Acid	10%	150°F/65°C	A	A			
Arsenic Acid	50%	70°F/21°C	LR			NR	NR
Aviation Fuel		70°F/21°C	A	A	B		
Boric Acid	100%	210°F/98°C	B	A	B		
Brake Fluid HD557		150°F/65°C	A			B	
Brass Plating		150°F/65°C				NR	NR
Brine	6.7%	290°F/143°C	A		B	B	B
Brine	12.3%	203°F/95°C	A		B	B	B
Brine	12.3%	250°F/121°C	A		B	B	B
Brine	29.2%	100°F/37°C	A		B	B	B
Bromine	100ppm		B	B	B	B	
Bronze Plating		150°F/65°C				NR	NR
Butadiene		70°F/21°C	A		B	B	B
Butadiene		150°F/65°C	A		B	B	B
Butane		70°F/21°C	A	A	B	B	B
Butane		150°F/65°C	A	A	B	B	B
Butene		70°F/21°C	A	A	B		
Butyl Acetate		70°F/21°C	A	A	B	B	NR
Butyl Acrylate		70°F/21°C	A		B		
Butyl Alcohol	100%	150°F/65°C	A	A	B	B	B
Butyl Cellosolve (Glycol Ether EB)		100°F/37°C	A		B		
Butyl Phenol		210°F/98°C	A				

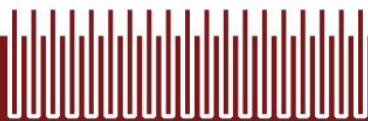
A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Butylene		70°F/21°C	A		B	B	B
1,3-Butylene Glycol		100°F/37°C	A		B		
Butylene Oxide		100°F/37°C	A				
Butyraldehyde	98%	70°F/21°C	A		B		
Butyraldehyde	98%	150°F/65°C	A		B		
Butyric Acid		70°F/21°C	A				
Butyrolactone		70°F/21°C	A	A	B		
Cadmium Cyanide		150°F/65°C				B	B
Calcium Bisulfate		70°F/21°C			B	B	B
Calcium Bisulfite		70°F/21°C			B	B	B
Calcium Bromide	100%	150°F/65°C	A	A	B	B	B
Calcium Carbonate	10%	150°F/65°C	A	A	B	B	B
Calcium Carbonate	20%	200°F/93°C	A				
Calcium Carbonate	100%	70°F/21°C	A		B	B	B
Calcium Chloride	50%	70°F/21°C	A	A	B	B	B
Calcium Chloride	70%	280°F/137°C	A	A	B	B	B
Calcium Chloride	100%	150°F/65°C	A	A	B	B	B
Calcium Cyanamide		70°F/21°C	A		B	B	B
Calcium Cyanide		70°F/21°C			B	B	B
Calcium Fluoride	25%	150°F/65°C	A		B		
Calcium Hydroxide	50%	150°F/65°C	A		B	B	B
Calcium Hypochlorite	30ppm	100°F/37°C	A		NR	NR	NR
Calcium Hypochlorite	5%	70°F/21°C	NR		NR	NR	NR
Calcium Lignosulfate	100%	150°F/65°C	A				
Calcium Lignosulfate	100%	180°F/82°C	A				
Calcium Nitrate		150°F/65°C			B	B	B
Calcium Sulfate		150°F/65°C			B	B	B
Caprylic Acid	100%	70°F/21°C	A	A	B	B	B
Caprylic Acid	100%	150°F/65°C	A	A	B		
Caramel Color	100%	100°F/37°C	A	A	B	B	B
Carbon Bisulfide		100°F/37°C	A	A	B	NR	NR
Carbon Dioxide		70°F/21°C	A	A	B	B	B
Carbon Monoxide		70°F/21°C	A		B	B	B
Carbon Tetrachloride		70°F/21°C	A	A	B	NR	NR
Carmel		100°F/37°C	A	A			
Casein		70°F/21°C	A		B	B	B
Cashew Nut Oil		70°F/21°C	A	A	B	B	B
Castor Oil		70°F/21°C	A		B	B	B
CAT ® ELC (Extended Life Coolant) Concentrate CATEC-1	100%	70°F/21°C			A		
Caustic Lime (Dehydrated)		150°F/65°C			B	B	B
Caustic Potassium (Dehydrated)		150°F/65°C			B	B	B
Cellosolve (Ethyleneglycol Ethylether)		100°F/37°C	A	A	B	NR	NR
Cherry Soda (Concentrate)		70°F/21°C	A				
Chloric Acid	30%	100°F/37°C	A				
Chlorine, Fumes	100ppm	100°F/37°C	B		B	B	LR
Chlorine, Water	0.40%	70°F/21°C	B		B	B	LR
Chloral		150°F/65°C	A				NR
Chloroaniline		70°F/21°C	A				
Chlorobenzene (Anhydrous)		100°F/37°C	A				
Chlorobenzene	10%	220°F/104°C		A			
Chloroform	100%	70°F/21°C	A	A	B	NR	NR
Chloroform	100%	144°F/62°C	A	A	B	NR	NR
Chloropicrin		100°F/37°C	A		B	B	B
Chlorosulfonic Acid	100%	70°F/21°C	B	NR			
Chlorotoluene		194°F/90°C		A			
Chlorowax		100°F/37°C	A				
Clorox ® (See also Sodium Hypochlorite)	100%	70°F/21°C	NR	NR	B	B	B
Chocolate Syrup		70°F/21°C	A		B		
Choline Chloride	70%	150°F/65°C	A	A	B	NR	NR
Chrome Plating Bath		150°F/65°C				NR	NR
Chromic Acid	10%	70°F/21°C	B		B	B	B
Chromic Acid	20%	100°F/37°C	A				
Chromic Acid	30%	70°F/21°C	B		B	NR	NR
Chromic Acid	50%	70°F/21°C	B		B	NR	NR
Chromium		70°F/21°C			B		
Citric Acid	25%	150°F/65°C	LR	LR	B	B	B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

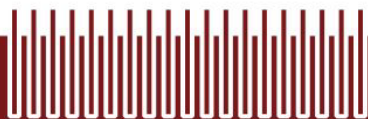


Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Citric Acid	50%	70°F/21°C	LR	LR	B	B	B
Citric Acid	50%	150°F/65°C	LR	LR	B	B	B
Coal Tar		150°F/65°C	A		B	NR	NR
Cobalt Sulfate Solution	pH 6.0	170°F/21°C	A				
Coca Cola Concentrate		70°F/21°C	A	A			
Coconut Oil	100%	70°F/21°C	A	A	B	B	B
Coconut Oil	100%	180°F/82°C	A	A	B	B	B
Coke Oven Gas		150°F/65°C	A	A	B		
Collodion Solution		70°F/21°C	A	A		NR	NR
Copper Acetate	50%	70°F/21°C	A		B		
Copper Chloride		70°F/21°C	A		B	B	B
Copper Cyanide		70°F/21°C	A		B	B	B
Copper Nitrate		70°F/21°C			B	B	B
Copper Plating Solution		150°F/65°C			B	B	B
Copper Sulfate	10%	100°F/37°C	LR	A	B	B	B
Copper Sulfate	10%	120°F/48°C	LR	A	B	B	B
Copper Sulfate	10%	150°F/65°C	LR	B	B	B	B
Copper Sulfate	20%	100°F/37°C	LR	A	B	B	B
Copper Sulfate	20%	120°F/48°C	LR	A	B	B	B
Copper Sulfate	50%	100°F/37°C	LR		B	B	B
Copper Sulfate	50%	150°F/65°C	LR		B	B	B
Copper Sulfate (Anhydrous)	100%	140°F/40°C	A	A			
Corn Mash		100°F/37°C	A	A	B	B	B
Corn Oil (Mazola®)		70°F/21°C	A		B	B	B
Corn Oil		180°F/82°C	A		B	B	B
Corn Syrup	100%	70°F/21°C	A	A	B		
Corn Syrup	100%	150°F/65°C	A	A	B		
Cottonseed Oil		150°F/65°C	A		B	B	B
Creosote		150°F/65°C	A	A	B	NR	NR
Cresol	100%	150°F/65°C	A	A	B	NR	NR
Crotonaldehyde	100%	70°F/21°C	A		B		
Crude Oil		150°F/65°C	A		B	B	B
Crude Oil @ 650PSI		200°F/93°C	A		B		
Cyanide Cadmium Bath		100°F/37°C			B	B	B
Cyanide Plating		100°F/37°C			B	B	B
Cyanide Zinc		100°F/37°C			B	B	B
Cyclobutane		55°F/12°C	A		B	B	B
Cyclohexane		70°F/21°C	A		B	B	B
Cyclohexanone		100°F/37°C	A		B	NR	NR
Cyclohexene		70°F/21°C	A		B	B	B
Cyclopropane		70°F/21°C	A		B	B	B
Dawn® Dish Soap	100%	150°F/65°C	A				
Decon-Clean®	100%	70°F/21°C			A	NR	B
Decon-Quat®	100%	70°F/21°C			A	NR	B
Decyl Alcohol		70°F/21°C	A		B	B	B
Dextrose		150°F/65°C	A	A	B	B	B
Diacetone Alcohol	100%	70°F/21°C	A	A	B	B	B
Diacetone Alcohol	100%	100°F/37°C	A	A	B	B	B
Diacetone Alcohol	100%	120°F/48°C	A	A	B	B	B
Diacetone Alcohol	100%	131°F/55°C	A	A	B	B	B
Diallyl Amine		70°F/21°C	A				
Dibutyl Maleate		70°F/21°C		A			
Dibutylphthalate		70°F/21°C	A		B		
Dichloroacetic Acid	25%	70°F/21°C		A			
O-Dichlorobenzene		100°F/37°C	A		B		
Diesel Fuel	100%	60°F/21°C	A	A	B	B	B
Diesel Fuel	100%	120°F/48°C	A	A	B	B	B
Diethanolamine	100%	125°F/51°C	A				
Diethanolamine	100%	150°F/65°C	LR				
Diethanolamine	100%	350°F/176°C	NR				
Diethyl Phthalate	100%	176°F/80°C	A				
Diethyl Sulfate		100°F/37°C	A				
Diethylene Glycol	50%	70°F/21°C	A		B		
Diethylene Glycol	100%	100°F/37°C	A		B		
Diethylene Glycol Monobutyl Ether (Glycol Ether DB)		100°F/37°C	A		B		
Diethylenetriamine		70°F/21°C	A	A			

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Di fluorophosphoric Acid		70°F/21°C	NR				
Dihydrogenated Tallow Dimethylammonium Chloride		167°F/75°C	A				
Dimethyl Ethanolamine (tech grade)		70°F/21°C	A				
Dimethyl Phthalate		70°F/21°C	A		B	B	B
Dimethyl Propane		70°F/21°C	A		B		
Dimethyl Sulfoxide (DMSO)		70°F/21°C	A				
Dimethyl Sulfoxide (DMSO)		302°F/150°C	NR				
Dimethylamine		100°F/37°C	A			NR	NR
Dimethylamine (Anhydrous)		100°F/37°C	A			NR	NR
Dimethylformamide		70°F/21°C	A				
Dioctyl Adipate		100°F/37°C	A				
Dioctyl Phthalate Monomeric		100°F/37°C	A	A			
Dioctyl Phthalate Monomeric		140°F/40°C	A	A			
Diphenol Amine		150°F/65°C	A				
Dipropylene Glycol	5%	100°F/37°C	A	A	B		
Dipropylene Glycol	100%	150°F/65°C	A	A	B		
Dipropylene Glycol Monomethyl ether (DPM)		100°F/37°C	A	A	B		
Disodium Phosphate	5%	70°F/21°C	A	A			B
Dodecylbenzene Sulfonate		125°F/51°C	A		B		B
Dodecylbenzene Sulfonate (Anhydrous)		125°F/51°C	A				
Dolchem®	100%	150°F/65°C	A				
Dow® heavy duty oven cleaner	100%	70°F/21°C	LR	NR			
Dow® heavy duty oven cleaner	100%	100°F/37°C	NR	NR			
Dowtherm		70°F/21°C			B	B	B
Emulsion asphalt	100%	70°F/21°C				NR	NR
Epichlorohydrin		100°F/37°C	A				
Ethane	100%	70°F/21°C	A	A	B	B	B
Ethanol Amine		70°F/21°C		A			
Ethyl Acetate	100%	100°F/37°C	A	A	B	B	NR
Ethyl Acetate	100%	120°F/48°C	A	A	B	B	NR
Ethyl Acetate	100%	150°F/65°C	A	A	B	B	NR
Ethyl Acetate	100%	171°F/77°C	A	A	B	B	NR
Ethyl Acetoacetate		70°F/21°C	A	A			
Ethyl Acrylate		70°F/21°C	A		B		
Ethyl Alcohol (Ethanol)	50%	100°F/37°C	A	A		B	B
Ethyl Alcohol (Ethanol)	50%	150°F/65°C	A	A	B	B	B
Ethyl Alcohol (Ethanol)	77%	150°F/65°C	A	A	B	B	B
Ethyl Alcohol (Ethanol)	95%	70°F/21°C	A	A	B	B	B
Ethyl Alcohol (Ethanol)	95%	100°F/37°C	A	A	B	B	B
Ethyl Alcohol (Ethanol)	95%	150°F/65°C	A	A	B	B	B
Ethyl Alcohol (Ethanol)	97%	150°F/65°C	A	A	B	B	B
Ethyl Alcohol (Ethanol)	100%	173°F/78°C	A	A	B	B	B
Ethyl Amide	70%	70°F/21°C	A				NR
Ethyl Amide (Anhydrous)	100%	70°F/21°C	A				NR
Ethyl Chloride	100%	70°F/21°C	A	A	B		
Ethyl Chloride	100%	150°F/65°C	A	A	B		
Ethyl Ether (fumes)		70°F/21°C	A		B	NR	NR
Ethyl Ether (fumes)		94°F/34°C	A		B	NR	NR
2-Ethyl Hexacrylate		100°F/37°C	A		B	B	B
2-Ethyl Hexenol		100°F/37°C	A		B		
Ethyl Silicate Conc.		100°F/37°C	A				
Ethylene Bromide	100%	176°F/80°C	A		B		
Ethylene Chloride		100°F/37°C	A	A	B		
Ethylene Chlorohydrin		100°F/37°C	A	A	B		
Ethylene Chlorohydrin	100%	194°F/90°C		A			
Ethylenediamine		70°F/21°C	A	A			
Ethylenediaminetetraacetic Acid (EDTA)	40%	70°F/21°C	A				
Ethylene Dichloride		100°F/37°C	A		B		
Ethylene Glycol	100%	70°F/21°C	A	A	B	B	B
Ethylene Glycol	100%	120°F/48°C	A	A	B	B	B
Ethylene Glycol	100%	150°F/65°C	A	A	B	B	B
Ethylene Glycol Monomethyl Ether Acetate		100°F/37°C	A		B		
Ethylene Oxide		100°F/37°C	A			NR	NR
Fatty Acid (Coconut)		180°F/82°C	A		B	B	B
Fatty Acid (Cotton)		180°F/82°C	A		B	B	B
Fatty Acid (Oleic)		180°F/82°C	A		B	B	B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Fatty Acid (Soya)		180°F/82°C	A		B	B	B
Ferric Ammonium Citrate Solution		100°F/37°C	A				
Ferric Chloride	10%	150°F/65°C	A	A	B	B	B
Ferric Chloride	50%	70°F/21°C	A	A	B	B	B
Ferric Chloride	50%	150°F/65°C	A	A	B	B	B
Ferric Nitrate		150°F/65°C			B	B	B
Ferric Sulfate		150°F/65°C	A			B	B
Ferrous Sulfate	10%	150°F/65°C	A	A	B	B	B
Ferrous Sulfate	25%	150°F/65°C			B	B	B
Ferrous Sulfide	10%	150°F/65°C	A	A			
Ferrous Sulfate/Hydrochloric Acid 50%/20%		100°F/37°C	B				
Finesse® Shampoo	100%	150°F/65°C	A	A			
Fish Oil		180°F/82°C	A		B	B	B
Floorstar® TFR II	Conc.	150°F/65°C	NR	NR			
Fluosilic Acid		150°F/65°C				NR	NR
Formaldehyde	0.17%	150°F/65°C	A		B	B	B
Formaldehyde & Methyl Alcohol (37%-7%)		70°F/21°C	A	A	B	B	B
Formaldehyde & Methyl Alcohol (37%-7%)		150°F/65°C	A	A	B	B	B
Formaldehyde (unstabilized)	44%	130°F/54°C	A		B	B	B
Formaldehyde	50%	150°F/65°C	A		B	B	B
Formic Acid	10%	70°F/21°C	LR	LR	B	NR	NR
Formic Acid	10%	150°F/65°C	LR			NR	NR
Formic Acid	90%	100°F/37°C	NR			NR	NR
Formic Acid	100%	70°F/21°C	B		B	NR	NR
Formic Acid	100%	125°F/51°C	NR			NR	NR
Freon		100°F/37°C	A	A	B		NR
Fruit Juice		100°F/37°C	A	A	B	B	B
Fuel Oil		100°F/37°C	A	A	B	B	B
Fumaric Acid	10%	212°F/100°C	A	A			
Furan		90°F/32°C	A		B		
Furfuryl Alcohol		70°F/21°C	A	A	B		
Furfurylamine		70°F/21°C	A				
Gallie Acid		100°F/37°C			B	B	B
Gasoline, Aviation		70°F/21°C	A	A	B	B	B
Gasoline, Leaded		100°F/37°C	A	A	B	B	B
Gasoline, Unleaded	100%	70°F/21°C	A	A	B	B	B
Gasoline, Unleaded	100%	150°F/65°C	A	A	B	B	B
Gasoline, White		70°F/21°C	A	A	B	B	B
Gelatin		100°F/37°C	A	A	B	B	B
Gluconic Acid	50%	100°F/37°C	A				
Glucose		70°F/21°C	A		B	B	B
Glycidyl Phenylether		70°F/21°C	A		B		
Glycerine		70°F/21°C	A		B	B	B
Glycerine		200°F/93°C	A		B	B	B
Glycolic Acid (Hydroxyacetic Acid)	70%	140°F/40°C	A				
Glycols	30%	70°F/21°C	A		B	B	B
Green Liquor		150°F/65°C	LR		B	B	B
Heptane		100°F/37°C	A	A	B	B	B
Heptanoic Acid		70°F/21°C	A				
Hevea® Latex Type k5		70°F/21°C	A		B		B
Hexane		150°F/65°C	A	A		B	B
Hexane		350°F/176°C	A	A			
1,6-Hexandiol		150°F/65°C	A	A	B	B	B
Hexametaphosphate		100°F/37°C	A				
Hexamethylenetetramine		150°F/65°C	A	A		NR	NR
Hillex® Bleach (See Sodium Hypochlorite)		70°F/21°C	NR		NR	NR	NR
Hydraulic Fluid (Houghtosafe 1120)		140°F/40°C	A		B		
Hydraulic Fluid (Houghtosafe 56/60)		140°F/40°C	A		B		
Hydraulic Fluid (Houghtosafe 620)		140°F/40°C	A		B		
Hydraulic Fluid (skybtul)		50°F/10°C	A		B		
Hydraulic Fluid (skybtul)		150°F/65°C	A		B		
Hydrazine		100°F/37°C	B		NR		
Hydrobromic Acid	2½%	70°F/21°C	B	B	B	NR	NR
Hydrobromic Acid	5%	70°F/21°C	B	B	B	NR	NR
Hydrobromic Acid	10%	150°F/65°C	B	B	B	NR	NR
Hydrobromic Acid	12½%	70°F/21°C	B	B	B	NR	NR

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

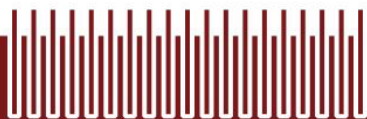


Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Hydrobromic Acid	15%	70°F/21°C	NR	LR	B	NR	NR
Hydrobromic Acid	20%	70°F/21°C	NR			NR	NR
Hydrobromic Acid	25%	70°F/21°C	NR			NR	NR
Hydrobromic Acid	30%	150°F/65°C	NR		NR	NR	NR
Hydrobromic Acid	48%	150°F/65°C	NR	NR	NR	NR	NR
Hydrochloric Acid	2½%	70°F/21°C	LR	LR	B		B
Hydrochloric Acid	5%	70°F/21°C	LR	LR	B	B	B
Hydrochloric Acid	10%	70°F/21°C	B	B	B	B	B
Hydrochloric Acid	10%	100°F/37°C	B	B	B	B	B
Hydrochloric Acid	10%	150°F/65°C	NR		NR	NR	NR
Hydrochloric Acid	12½%	70°F/21°C			B	B	B
Hydrochloric Acid	15%	70°F/21°C			B	B	B
Hydrochloric Acid	20%	70°F/21°C	B		B	B	B
Hydrochloric Acid	20%	100°F/37°C	B		B	B	B
Hydrochloric Acid	20%	185°F/85°C	NR			NR	NR
Hydrochloric Acid	30%	100°F/37°C	B		B	NR	NR
Hydrochloric Acid	30%	150°F/65°C	NR			NR	NR
Hydrochloric Acid	37%	70°F/21°C				NR	NR
Hydrochloric Acid	37%	150°F/65°C	NR			NR	NR
Hydrocyanic Acid		100°F/37°C				B	B
Hydrofluoric Acid	2%	70°F/21°C			B		
Hydrofluoric Acid	10%	70°F/21°C	NR			NR	NR
Hydrofluoric, Vapors		212°F/100°C	NR			NR	NR
Hydrofluorosilic Acid	29%	100°F/37°C	B			NR	NR
Hydrogen Chloride		70°F/21°C			B		
Hydrogen Gas		70°F/21°C	A	A	B	B	B
Hydrogen Gas		350°F/176°C		A			
Hydrogen Peroxide	1%	70°F/21°C			B	B	
Hydrogen Peroxide	30%	374°F/190°C		B	NR	NR	NR
Hydrogen Peroxide	90%	150°F/65°C	NR	NR	NR	NR	NR
Hydrogen Sulfide	3%	70°F/21°C	A		B	B	B
Hydrogen Sulfide	5%	210°F/98°C	A				
Hydroquinone		70°F/21°C	A				
Hydroxyacetic Acid		77°F/25°C	A	A			
Hydroxyacetic Acid		100°F/37°C	A				
Hypochloric Acid		70°F/21°C	NR		NR	NR	NR
Hyposulfite		100°F/37°C			B	B	B
Ink		100°F/37°C	A	A	B	B	B
Insecticide Bidrin 8 (Amvac)	Conc.	70°F/21°C	A				
Insecticide CDMAA (Amvac)	Conc.	70°F/21°C	A	A			
Insecticide Naled (Amvac)	Conc.	70°F/21°C	A	A			
Insecticide Nifs T (Monsanto)		100°F/37°C	A				
Iodine		75°F/23°C	A		B		
Iron Pickle Liquor		150°F/65°C			B		B
Iron Sulfate		100°F/37°C	A	A	B	B	B
Iso-par (Isoparaffinic material)		140°F/40°C	A				
Isobutane		70°F/21°C	A		B	B	B
Isobutylaldehyde		70°F/21°C	A		B	B	
Isobutyl Alcohol		70°F/21°C	A		B	B	B
Isobutyl Alcohol/Formaldehyde 60%/40%		100°F/37°C	A				
Isooctyl Alcohol		70°F/21°C	A		B	B	B
Isophorone		70°F/21°C	A		B		
Isopropyl Alcohol		70°F/21°C	A	A	B	B	B
Isopropyl Alcohol		150°F/65°C	A	A	B	B	B
Isopropyl Acetate		70°F/21°C	A	A	B		
Isopropyl Acetate		200°F/93°C	A	A			
Jet Fuel		70°F/21°C	A	A	B	B	B
Jet Fuel		100°F/37°C	A	A	B	B	B
Jet Fuel JP-5		120°F/48°C	A	A	B	B	B
Joy® Dish Soap		150°F/65°C	A				
Kaboom®		120°F/48°C	LR	LR	B		
Karo Syrup		70°F/21°C	A	A	B	B	B
Kelvar		140°F/40°C	A				
Kerosene		100°F/37°C	A	A	B	B	B
Kopper Star Distillate		140°F/40°C	A				
Lacquer		100°F/37°C	A		B	NR	NR

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Lacquer Solvent		100°F/37°C	A		B	NR	NR
Lactic Acid	10%	140°F/40°C	LR	LR	B	B	B
Lactic Acid	22%	100°F/37°C	A			B	
Lactic Acid	100%	100°F/37°C	A	A	B	B	B
Lanoline® Lotion Shampoo Concentrate		70°F/21°C	A				
Lard		70°F/21°C	A				
Latex		100°F/37°C	A		B	B	B
Latex #512K (Dow®)		70°F/21°C	A		B	B	B
Latex GR-S Type 3		77°F/25°C	A	A	B	B	B
Latex Rubber		70°F/21°C	A		B	B	B
Leachate Solution (Sour Water)		100°F/37°C			B		
Lead Acetate	10%	150°F/65°C	A	A	B		
Levulinic Acid		77°F/25°C	A				
Lignin Sulfate		100°F/37°C	A				
Lime (Chopped)		100°F/37°C	A				
Lime stone deposits		70°F/21°C			A		
Linoleic Acid		100°F/37°C	A		B	B	B
Lithium Chloride		70°F/21°C	LR		B	B	B
LP Gas		100°F/37°C	A	A	B		
LpHst (Steris product)	100%	70°F/21°C			A		
LpHst (Steris product)	0.01%	70°F/21°C			A		
Lube Oil (Pennzoil 10W30)		150°F/65°C	A	A	B	B	B
Lubricating Oil		70°F/21°C	A	A	B	B	B
Lubricating Oil		182°F/83°C	A	A	B	B	B
Lysol®		70°F/21°C	A				
Magnesium Carbonate		150°F/65°C	A		B	B	B
Magnesium Chlorate		150°F/65°C			B	B	B
Magnesium Chloride	40%	100°F/37°C	A	A	B	B	B
Magnesium Chloride	5%	70°F/21°C			A	B	
Magnesium Chloride	50%	70°F/21°C	A		B	B	B
Magnesium Hydroxide Slurry		150°F/65°C	A		B	B	B
Magnesium Nitrate		150°F/65°C			B	B	B
Magnesium Oxide	20%	70°F/21°C	A		B	B	B
Magnesium Sulfate		100°F/37°C	A		B	B	B
Magnesium Sulfate		150°F/65°C	A		B	B	B
Maleic Acid	50%	70°F/21°C	A		B	B	B
Maleic Anhydride		100°F/37°C	A				
Maleic Anhydride		250°F/121°C	A				
Malic Acid		100°F/37°C	LR		B	B	B
Manganese Ammonium Sulfate		100°F/37°C			B	B	B
Manganese Chloride		100°F/37°C	A	A	B	B	B
Manganese Sulfate		150°F/65°C	A		B	B	B
Martan B® liquid (Marathon Oil)		100°F/37°C	A				
Mayonnaise		150°F/65°C	A				
MEK Peroxide (45% in Dimethyl Phthalate)		70°F/21°C	A	B	B	NR	NR
Melamine		70°F/21°C	NR	NR			
Melamine Resin Solution		100°F/37°C	A		B	B	B
Mercuric Chloride		100°F/37°C	A	A	B	B	B
Methane		70°F/21°C			B		
Methyl Acetate	96%	100°F/37°C	A		B	B	NR
Methyl Acrylate		100°F/37°C	A	A	B		
Methyl Alcohol	100%	70°F/21°C	A	A	B	B	B
Methyl Alcohol	100%	120°F/48°C	A	A	B	B	B
Methyl Alcohol	100%	148°F/64°C	A	A	B	B	B
Methyl Butane		100°F/37°C	A		B	B	B
Methyl Cellosolve (Glycol EM)		70°F/21°C	A	A	B	B	
Methyl Cellosolve (Glycol EM)		120°F/48°C	A	A	B	NR	NR
Methyl Chloride		100°F/37°C	A		B	NR	NR
Methyl Chloride		150°F/65°C	A		B	NR	NR
Methyl Ether		50°F/10°C	A		B	NR	NR
Methyl Ethyl Ketone	100%	100°F/37°C	A	A	B	B	NR
Methyl Ethyl Ketone	100%	150°F/65°C	A	A	B	NR	NR
Methyl Fluoride		150°F/65°C	A		B	NR	NR
Methyl Isobutyl Carbinol		70°F/21°C	A		B		
Methyl Isobutyl Ketone (MIBK)		70°F/21°C	A	A	B	B	NR
Methyl Mercaptan		70°F/21°C	A				

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

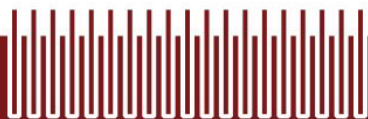


Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Methyl Methacrylate		100°F/37°C	A	A	B		
Methyl Propane		70°F/21°C	A		B	B	B
Methylene Bromide		100°F/37°C	A	A			
Methylene Chloride	100%	77°F/25°C	A	A	B	NR	NR
Methylene Chloride	100%	100°F/37°C	A	A	B	NR	NR
Methylene Chloride	100%	113°F/45°C	A	A	B	NR	NR
Methylene Chlorobromide		70°F/21°C	A		B	NR	NR
Methylene Diisocyanate		100°F/37°C	A				
n-Methylpyrrolidone	100%	275°F/23°C	A		B		
Mida FOAM	3-6%	104°F/40°C			B		
Milk (condensed)		70°F/21°C	A		B	B	B
Milk (whey)		150°F/65°C	A		B	B	B
Mineral Oil		70°F/21°C	A	A	B	B	B
Mineral Spirits		150°F/65°C	A	A	B	B	B
Molasses	100%	70°F/21°C	A	A	B	B	B
Molasses		110°F/43°C	A	A	B	B	B
Monochloroacetic Acid		100°F/37°C	A				
Monochloropinacolone (MCP)		75°F/23°C	A				
Monochloropinacolone (MCP)		100°F/37°C	A				
Monoethanolamine		100°F/37°C	NR			NR	NR
Monofluorophosphoric Acid		70°F/21°C	B	B		NR	NR
Morpholine		150°F/65°C	A				
Mustard		150°F/65°C	A				
Nalco ® 2000 / Nalcool 2000 / Nalfleet 2000	100%	70°F/21°C			A		
Naphthalene (sulfonated)		150°F/65°C	A		B	B	B
Naphtha		150°F/65°C	A	A	B	B	B
Naphthenic Acid		100°F/37°C	A	A	B	B	B
Naphthenic Acid	95%	180°F/82°C	A	A			
1-Naphthol-4-Sulfonic Acid	7.5-8.0pH	158°F/70°C	A		B	B	B
Natural Gas		100°F/37°C	A		B	B	B
Neatsfoot Oil		150°F/65°C	A	A	B	B	B
Neatsfoot Oil		250°F/121°C	A	A	B	B	B
Nickel Acetate	50%	70°F/21°C	A		B	B	B
Nickel Chloride	50%	70°F/21°C	A		B	B	B
Nickel Nitrate		150°F/65°C			B	B	B
Nickel Plating Solution (electroless)		212°F/100°C	B	A			
Nickel Plating Solution		374°F/190°C	B		B	NR	NR
Nickel Salts		150°F/65°C			B	B	B
Nickel Sulfate		150°F/65°C			B	B	B
Nitric Acid	1%	70°F/21°C	LR	A	B	NR	NR
Nitric Acid	2%	185°F/85°C	LR			NR	NR
Nitric Acid	5%	70°F/21°C	LR	LR	B		
Nitric Acid	5%	120°F/48°C	LR	B		NR	NR
Nitric Acid	10%	100°F/37°C			B	NR	NR
Nitric Acid	10%	140°F/40°C	NR	NR	B	NR	NR
Nitric Acid	10%	150°F/65°C	NR	NR	B	NR	NR
Nitric Acid	10%	185°F/85°C	NR	NR		NR	NR
Nitric Acid	15%	150°F/65°C	NR	NR		NR	NR
Nitric Acid	25%	70°F/21°C	B		B	NR	NR
Nitric Acid	25%	100°F/37°C	NR	NR		NR	NR
Nitric Acid	25%	150°F/65°C	NR	NR		NR	NR
Nitric Acid	50%	100°F/37°C	NR	NR		NR	NR
Nitric Acid	70%	100°F/37°C	NR	NR		NR	NR
Nitrobenzene		100°F/37°C	A	A	B	B	NR
Nitrobenzenesulfonic Acid		100°F/37°C	A	A			
o-Nitrochlorobenzene		180°F/82°C	A		B		
p-Nitrochlorobenzene		100°F/37°C	A		B	B	B
Nitrogen		100°F/37°C	A	A	B	B	B
Nitrogen		300°F/148°C	A	A			
Nitrogen Sulfide		70°F/21°C			B		
Nitrophenol		250°F/121°C	A	A	B	NR	NR
1-Nitropropane		70°F/21°C	A		B	B	B
Nonylphenol		100°F/37°C	A		B		
Nonylphenol		180°F/82°C	A		B		
n-Octyl Alcohol		70°F/21°C	A		B	B	B
Nu-Calgon Evap Pow'r-C	100%	70°F/21°C			A		LR

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

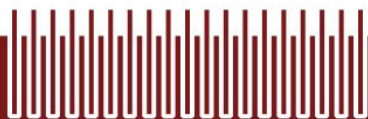
Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Nu-Calgon Evap-Green	100%	70°F/21°C			A		LR
Nu-Calgon Green Clean	100%	70°F/21°C			A		LR
Nu-Calgon Cal-Green	100%	70°F/21°C			A		LR
Nu-Calgon Tri-Pow'r HD	100%	70°F/21°C			A		LR
Nu-Calgon TriClean 2x	100%	70°F/21°C			A		LR
Nu-Calgon Nu-Solve NR	100%	70°F/21°C			A		LR
p-t-Octyl Phenol		250°F/121°C	A				
Oil, Cutting		140°F/40°C	A		B	B	B
Oil, water soluble		70°F/21°C	A		B	B	
Oleic Acid		70°F/21°C	A		B		B
Oleic Acid		250°F/121°C	A				
Oleomargarine		70°F/21°C	A				
Oleum		100°F/37°C	B				NR
Olive Oil		70°F/21°C	A		B	B	B
Orange Concentrate		70°F/21°C	A		B		
Orange Soda Concentrate		70°F/21°C	A		B		
Oxalic Acid		70°F/21°C	A		B	B	B
Oxalic Acid		160°F/21°C	A		B		
Oxygen		70°F/21°C	A	A	B	B	B
Ozone			NR	NR	NR		
Palm Oil		70°F/21°C	A	A	B	B	B
Palm Oil		150°F/65°C	A	A	B	B	B
Palm Oil (Crude)		250°F/121°C	A	A	B	NR	NR
Palmitic Acid		200°F/93°C	A		B		B
Palmolive® Dish soap		150°F/65°C	A				
Paraformaldehyde	50%	150°F/65°C	A		B		
Paraldehyde		70°F/21°C	A		B		
Peanut Butter		70°F/21°C	A	A			
Peanut Oil		70°F/21°C	A				
Pentane		70°F/21°C			B		
1,3-Pentadiene		100°F/37°C	A		B	B	B
Pepper		70°F/21°C	A		B		
Pepperoni					NR		
Perchloric Acid	20%	70°F/21°C		B		NR	NR
Perchloroethylene		200°F/93°C	A		B	NR	NR
Phenol	3%	70°F/21°C	A		B		NR
Phenol	5%	150°F/65°C	A				
Phenol	50%	150°F/65°C	A	A			
Phenol	90%	100°F/37°C	A	A			NR
Phenol	90%	150°F/65°C	A	A			NR
Phenol	100%	150°F/65°C	A	A			NR
Phenylenediamine	50%	70°F/21°C	A				
Phenylhydrazine		70°F/21°C	B				
1-Phenyl-2-methyl-1,2-propanediamine		70°F/21°C	A				
Phosphoric Acid	10%	70°F/21°C	B		B	B	B
Phosphoric Acid	10%	150°F/65°C	B	B	B	B	B
Phosphoric Acid	25%	100°F/37°C	B	B			
Phosphoric Acid	25%	150°F/65°C	B	B			
Phosphoric Acid	50%	150°F/65°C	NR	NR			
Phosphoric Acid	75%	100°F/37°C	B				
Phosphoric Acid	75%	150°F/65°C	NR	NR			
Phosphoric Acid	85%	70°F/21°C	B		B	B	B
Phosphorus Oxychloride		70°F/21°C	A				
Phosphorus Trichloride		70°F/21°C	A			NR	NR
Phthalic Acid	90%	70°F/21°C	A				
Phthalic Anhydride	80%	70°F/21°C	A				
Phthalic Anhydride, Concentrated (Mother Liquor)		100°F/37°C	A				
Phthalic Anhydride, molten		347°F/175°C	A				
Pickling Acid, sulfuric		150°F/65°C			B	B	B
Picric Acid		70°F/21°C			B	B	B
Pine Oil		70°F/21°C	A	A	B	B	B
Pine Oil		100°F/37°C	A	A	B	B	B
Polyaluminum Chloride		70°F/21°C	A				
Polyethylate Nonylphenol	70%	100°F/37°C	A		B		
Polyethylene Glycol		100°F/37°C	A		B		
Polyols		100°F/37°C	A				

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Polyvinyl Acetate Emulsion		70°F/21°C	A	A	B		
Polyvinyl Chloride Pellets		70°F/21°C			B		
Potassium Acetate	25%	150°F/65°C	A	A	B	B	B
Potassium Bicarbonate		150°F/65°C			B	B	B
Potassium Bisulfate		100°F/37°C			B	B	B
Potassium Bromate	7%	70°F/21°C	A	NR	B	NR	NR
Potassium Bromate	7%	150°F/65°C	B	NR	B	NR	NR
Potassium Bromide	10%	150°F/65°C	A	A	B	B	B
Potassium Bromide	100%	70°F/21°C	A		B	B	B
Potassium Carbonate	10%	150°F/65°C	B	B	B	B	B
Potassium Chloride	10%	70°F/21°C	A	A	B	B	B
Potassium Chloride	10%	150°F/65°C	A	A	B	B	B
Potassium Chloride	25%	150°F/65°C	A	A	B	B	B
Potassium Chloride	100%	70°F/21°C	A		B	B	B
Potassium Chromate	10%	150°F/65°C	A	A	B		
Potassium Cuprocyanide		100°F/37°C			B	B	B
Potassium Cyanate		150°F/65°C			B	B	B
Potassium Dichromate	10%	150°F/65°C	A	A	B	B	B
Potassium Ferricyanide	25%	150°F/65°C	A	A	B	B	B
Potassium Ferrocyanide		70°F/21°C	A		B	B	B
Potassium Fluoride		70°F/21°C	A		B	B	B
Potassium Hydroxide	10%	100°F/37°C	NR		NR	NR	NR
Potassium Hydroxide	10%	150°F/65°C	NR				
Potassium Hydroxide	50%	70°F/21°C	NR	NR	B	NR	NR
Potassium Hydroxide	50%	150°F/65°C	NR	NR	NR	NR	NR
Potassium Hypochlorite		100°F/37°C	NR		NR	NR	NR
Potassium Iodide	25%	150°F/65°C	A	A	B		B
Potassium Nitrate	50%	70°F/21°C	A		B	B	B
Potassium Nitrite		150°F/65°C					B
Potassium Oleate		150°F/65°C	A				
Potassium Permanganate		70°F/21°C	B		B	B	B
Potassium Persulfate		150°F/65°C			B	B	B
Potassium Phosphate		100°F/37°C	A		B	B	B
Potassium Sulfate		150°F/65°C	A		B	B	B
Potassium Sulfide		150°F/65°C			B	B	B
Potassium Thiosulfate		100°F/37°C			B	B	B
Propane		100°F/37°C	A	A	B	B	B
Propionaldehyde		70°F/21°C	A		B		
Propionic Acid		70°F/21°C	LR				
n-Propyl Acetate		70°F/21°C	A	A	B		
n-Propyl Alcohol	100%	70°F/21°C	A	A	B	B	B
n-Propyl Alcohol		100°F/37°C	A	A	B	B	B
n-Propyl Alcohol		150°F/65°C	A	A	B	B	B
Propylene		100°F/37°C	A		B	B	B
Propylene Glycol		100°F/37°C	A	A	B	B	
Propylene Glycol Monomethyl Ether (PM)		150°F/65°C	A	A	B		
Propylene Oxide		70°F/21°C	A				
Propylenediamine		70°F/21°C	A			NR	NR
Pro-Red +	10%	70°F/21°C			NR		
Prune Juice		100°F/37°C	A		B	B	B
Pyridine		100°F/37°C	A		B		
Pyrogalllic Acid		70°F/21°C			B	B	B
Quaternary Ammonium Chlorides		100°F/37°C	A				
Rapeseed Oil		70°F/21°C	A	A	B	B	B
Rocadyna (PVP)		150°F/65°C	A				
Rochelle Salts		100°F/37°C	A		B	B	B
Rosin (wood)		388°F/197°C	A		B	B	B
Rubber Latex		77°F/25°C	A		B		
Sake Wine		100°F/37°C	A	A	B		
Salicylic Acid	10%	150°F/65°C	A	A	B	B	B
Salomi		70°F/21°C			NR		
Saturated Lime & Calcium		374°F/190°C		NR			
Sauve® shampoo	100%	70°F/21°C	A				
Scale Gone 70 (MEC Corporation)	17%	150°F/65°C	A	A			
Silicic Acid		100°F/37°C			B	B	B
Silver Nitrate	20%	150°F/65°C	A	A	B		B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Silver Plating Solution		150°F/65°C			B		B
Sodium Acetate	25%	70°F/21°C	A	A	B	B	B
Sodium Acetate	25%	150°F/65°C	A	A	B	B	B
Sodium Acetate	50%	150°F/65°C	A	A	B	B	B
Sodium Aluminate		100°F/37°C			B	B	B
Sodium Bicarbonate		150°F/65°C	B		B	B	B
Sodium Bisulfate	10%	150°F/65°C	A		B	B	B
Sodium Bisulfate	25%	150°F/65°C	A	NR	B	B	B
Sodium Bisulfide		100°F/37°C			B	B	B
Sodium Bisulfite	25%	150°F/65°C	A	A	B	B	B
Sodium Borate		100°F/37°C	A		B	B	B
Sodium Bromide		150°F/65°C	A		B	B	B
Sodium Carbonate	10%	176°F/80°C	A	B	B	B	B
Sodium Carbonate	15%	185°F/85°C	A				
Sodium Carbonate	20%	140°F/40°C	A		B	B	B
Sodium Carbonate	50%	70°F/21°C	A		B	B	B
Sodium Carbonate	99%	100°F/37°C	A		B	B	B
Sodium Chlorate	46%	120°F/48°C	NR	NR			
Sodium Chlorate	50%	70°F/21°C	A	LR	B	B	B
Sodium Chlorate	50%	120°F/48°C	LR	LR			
Sodium Chloride	5%	70°F/21°C			A	B	
Sodium Chloride	5%	150°F/65°C	A	A	B	B	B
Sodium Chloride	20%	77°F/25°C	A	A	B	B	B
Sodium Chloride	20%	200°F/93°C	A			B	
Sodium Chloride	40%	200°F/93°C	A		B	B	B
Sodium Chlorite		100°F/37°C	B		B	B	B
Sodium Chlorite	25%	120°F/48°C	NR	NR	NR	NR	NR
Sodium Chromate	50%	70°F/21°C	A		B	B	B
Sodium Cyanide	20%	100°F/37°C	B		B	B	B
Sodium Dichromate		100°F/37°C	B		B	B	B
Sodium Ferricyanide		100°F/37°C			B	B	B
Sodium Fluoride	25%	122°F/50°C	A	A	B	NR	NR
Sodium Fluoride	25%	150°F/65°C	A	A	B	NR	NR
Sodium Formate	22%	180°F/82°C	A		B		
Sodium Formate	48%	150°F/65°C	A				
Sodium Formate	50%	250°F/121°C			B		
Sodium Hydrosulfide (Sodium Bisulfide)		100°F/37°C			B	B	B
Sodium Hydroxide	½%	176°F/80°C	A	B			NR
Sodium Hydroxide	1%	100°F/37°C			NR	NR	NR
Sodium Hydroxide	2%	77°F/25°C		B	B	B	NR
Sodium Hydroxide	2%	176°F/80°C	NR	NR	NR	NR	NR
Sodium Hydroxide	5%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	5%	150°F/65°C	NR	NR	NR	NR	NR
Sodium Hydroxide	8%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	10%	70°F/21°C	NR	NR	B	B	NR
Sodium Hydroxide	10%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	10%	120°F/48°C	NR	NR	NR	NR	NR
Sodium Hydroxide	10%	150°F/65°C	NR	NR	NR	NR	NR
Sodium Hydroxide	10%	200°F/93°C	NR	NR	NR	NR	NR
Sodium Hydroxide	20%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	20%	200°F/93°C	NR	NR	NR	NR	NR
Sodium Hydroxide	25%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	28%	70°F/21°C	NR	NR	B	B	NR
Sodium Hydroxide	30%	150°F/65°C	NR	NR	NR	NR	NR
Sodium Hydroxide	40%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	40%	150°F/65°C	NR	NR	NR	NR	NR
Sodium Hydroxide	50%	70°F/21°C	NR	NR	B	B	NR
Sodium Hydroxide	50%	100°F/37°C	NR	NR	NR	NR	NR
Sodium Hydroxide	50%	150°F/65°C	NR	NR	NR	NR	NR
Sodium Hydroxide	73%	160°F/21°C	NR	NR	NR	NR	NR
Sodium Hydroxide	73%	250°F/121°C	NR	NR	NR	NR	NR
Sodium Hydroxide	75%	150°F/65°C	NR	NR	NR	NR	NR
Sodium Hypochlorite (Bleach)	5%	70°F/21°C	NR	NR	B	B	B
Sodium Hypochlorite (Bleach)	5½%	100°F/37°C	NR	NR	B	B	B
Sodium Hypochlorite (Bleach)	5½%	140°F/40°C	NR	NR	NR	NR	NR
Sodium Hypochlorite (Bleach)	5½%	150°F/65°C	NR	NR	NR	NR	NR

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com

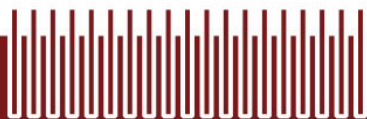


Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Sodium Hypochlorite	12½%	70°F/21°C	NR	NR	NR	NR	NR
Sodium Hypochlorite	15%	70°F/21°C	NR	NR	NR	NR	
Sodium Hypophosphite	5%	70°F/21°C	A				
Sodium Metabisulphite	2%	70°F/21°C			B		
Sodium Metaphosphate	5%	70°F/21°C	A				
Sodium Metaphosphate	12½%	100°F/37°C	A				
Sodium Nitrate		100°F/37°C	A		B	B	B
Sodium Nitrite		150°F/65°C			B	B	B
Sodium Oleate		100°F/37°C	A		B	B	B
Sodium Permanganate		150°F/65°C			B	B	B
Sodium Peroxide		100°F/37°C	B		B	B	B
Sodium Phosphate	50%	70°F/21°C	B		B	B	B
Sodium Polyacrylate		70°F/21°C	A				
Sodium Propionate	20%	70°F/21°C	A		B		
Sodium Silicate		150°F/65°C	A		B	B	B
Sodium Sulfate	10%	150°F/65°C	A	A	B	B	B
Sodium Sulfate	25%	150°F/65°C	A	A	B	B	B
Sodium Sulfate	30%	150°F/65°C	A	A	B	B	B
Sodium Sulfate	30%	200°F/93°C	A	A	B		B
Sodium Sulfate Nickle Pickling Solution		150°F/65°C			B		B
Sodium Sulphhydrate		100°F/37°C	A				
Sodium Sulfite	10%	150°F/65°C	A	A	B	B	B
Sodium Sulfite	10%	180°F/82°C	A	A	B	B	B
Sodium Sulfite	25%	150°F/65°C	A	A	B	B	B
Sodium Thiocyanate	10%	70°F/21°C	LR				
Sodium Thiocyanate	50%	70°F/21°C	LR				
Sodium Thiosulfate	10%	150°F/65°C	A	A	B	B	B
Sodium Thiosulfate	30%	100°F/37°C	A	A	B	B	B
Sodium Thiosulfate	30%	120°F/48°C	A	A	B	B	B
Sodium ThioSulfate	30%	150°F/65°C	A	A	B	B	B
Sodium Toluene Sulfonate	40%	100°F/37°C	A				
Sodium Xylene Sulfonate		100°F/37°C	NR				
Solo® Laundry detergent	100%	150°F/65°C	B				
Sorbitol	conc.	100°F/37°C	A	A	B		
Soya Oil		180°F/82°C	A		B	B	B
Soybean Hydrase		70°F/21°C	A	A	B		
Soybean Hydrase		150°F/65°C	A	A	B		
Soysauce	100%	150°F/65°C	A				
Sparkle	100%	70°F/21°C			A		
Spor-Klenz®	1%				A	B	B
Spor-Klenz®	100%				A		
Stannic Chloride		100°F/37°C	B		B	B	B
Stannous Chloride		100°F/37°C			B	B	B
Starch		150°F/65°C	A	A	B	B	B
Steam		225°F/107°C	A	A	B	NR	NR
Steam		250°F/121°C	A	A	B	NR	NR
Steam		290°F/143°C	A	A		NR	NR
Stearic Acid	90%	160°F/21°C	A	A	B	B	B
STERIS LpH III se Phenolic Disinfectant	100%	70°F/21°C			A		
STERIS Vesphene III Phenolic Disinfectant	100%	70°F/21°C			A		
Stoddard Solvent		150°F/65°C	A	A	B	B	B
Strawberry Preserves		70°F/21°C	A				
Styrene		70°F/21°C	A				
Styrene Butadiene Latex (pH 7-9)		140°F/40°C	A	A			
Sugar Mixture		70°F/21°C	A		B	B	B
Sulfamic Acid	20%	70°F/21°C	A		B	B	B
Sulfamic Acid	50%	70°F/21°C	A		B	B	B
Sulfur	100%	300°F/148°C	A		B	NR	NR
Sulfur Chloride		100°F/37°C				NR	NR
Sulfur Dioxide		150°F/65°C	A		B	B	LR
Sulfur Trioxide		100°F/37°C					NR
Sulfuric Acid	5%	70°F/21°C	LR	LR	B	B	B
Sulfuric Acid	5%	100°F/37°C	LR	LR	B	B	B
Sulfuric Acid	5%	120°F/48°C	LR	LR	B	B	B
Sulfuric Acid	5%	150°F/65°C	B	LR	B	B	B
Sulfuric Acid	10%	77°F/25°C	B	NR	B	B	

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com

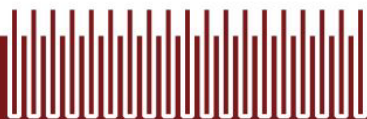


Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Sulfuric Acid	10%	100°F/37°C	B	NR		B	
Sulfuric Acid	10%	120°F/48°C	B	NR	B	B	B
Sulfuric Acid	10%	150°F/65°C	B	NR	B	B	
Sulfuric Acid	15%	185°F/85°C	B	NR			
Sulfuric Acid	20%	70°F/21°C	B	LR	B	B	B
Sulfuric Acid	20%	150°F/65°C	B	B	B		
Sulfuric Acid	25%	70°F/21°C	B		B	B	
Sulfuric Acid	25%	100°F/37°C	B	B	B		
Sulfuric Acid	25%	150°F/65°C	B	B	B		
Sulfuric Acid	25%	300°F/148°C	B	B			
Sulfuric Acid	30%	70°F/21°C	B		B	B	B
Sulfuric Acid	30%	100°F/37°C	B	B	B		
Sulfuric Acid	30%	150°F/65°C	NR	NR			
Sulfuric Acid	50%	70°F/21°C	LR		B	B	B
Sulfuric Acid	50%	150°F/65°C	LR		B	B	B
Sulfuric Acid	70%	70°F/21°C	A		B	B	B
Sulfuric Acid	70%	100°F/37°C	A		B	B	B
Sulfuric Acid	70%	150°F/65°C	B	B	B	B	B
Sulfuric Acid	75%	70°F/21°C	A				
Sulfuric Acid	75%	100°F/37°C	A		B	B	B
Sulfuric Acid	75%	150°F/65°C	LR		B	B	B
Sulfuric Acid	92%	100°F/37°C	A				NR
Sulfuric Acid	96%	100°F/37°C	A				
Sulfuric Acid	98%	70°F/21°C	A	B	B	NR	NR
Sulfuric Acid	98%	120°F/48°C	A			NR	NR
Sulfuric Acid	98%	150°F/65°C	B			NR	NR
Sulfuric Acid	98%	180°F/82°C	NR			NR	NR
Sulfuric Acid	100%	100°F/37°C	LR	NR		NR	NR
Sulfuric Acid	100%	150°F/65°C	LR	NR		NR	NR
Sulfuric Acid/Chromic Acid 6%/5%		100°F/37°C	NR				
Sulfuric Acid/Nitric Acid 64%/0.1%		100°F/37°C	NR				
Sulfurous Acid	15%	200°F/93°C	A				
Sulfurous Acid	100%	100°F/37°C			B	NR	NR
Surfactants		100°F/37°C			B	B	B
Tall Oil		70°F/21°C	A		B	B	B
Tall Oil		180°F/82°C	A		B	B	B
Tallow (crude)		150°F/65°C	A		B	B	B
Tannic Acid	10%	200°F/93°C	A				
Tannic Acid	100%	100°F/37°C	A		B	B	B
Tantalum chloride		70°F/21°C			B		
Tar		150°F/65°C	A		B	B	B
Tartaric Acid	30%	200°F/93°C	A				
Tartaric Acid	100%	100°F/37°C			B	B	B
Tetrachloroethane		200°F/93°C	A	A	B	NR	NR
Tetraethylenepentamine		70°F/21°C	A				
Tetrafluoroethylene		150°F/65°C	A		B	NR	NR
Tetrahydrofuran		70°F/21°C	A		B		
Tetrahydrofuran		151°F/66°C	A	A	B		
Thioglycolic Acid	97%	70°F/21°C	A	A			
Thioglycolic Acid	97%	150°F/65°C	LR	LR			
Thiols		70°F/21°C	A				
Tide® Laundry detergent	100%	70°F/21°C	A				
Tide® Laundry detergent	100%	150°F/65°C	A				
Tin Immersion Dip		150°F/65°C					B
Tin Tetrachloride	50%	70°F/21°C	A		B	NR	NR
Titanium Dioxide		100°F/37°C	A				
Titanium Tetrachloride		100°F/37°C	NR	NR			
Toluene	100%	70°F/21°C	A	A	B	B	NR
Toluene	100%	100°F/37°C	A	A	B	NR	NR
Toluene	100%	230°F/110°C	A	A	B	NR	NR
Toluene Diisocyanate (TDI)		100°F/37°C	A	A			
Toluenesulfonamide/formaldehyde resin	100%	150°F/65°C	A	A			
Tomato Paste, no salt (Hunts®)	100%	100°F/37°C			B		
Tomato Puree (Hunts®)	100%	100°F/37°C			B		
Toxaphene	100%	194°F/90°C	A				
Toxaphene	100%	212°F/100°C	A	LR			

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com

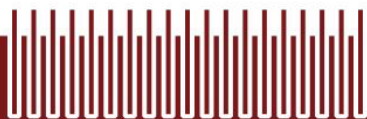


Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Transformer Oil		70°F/21°C	A				
Tributyl Phosphate		70°F/21°C	A				
1,1,1 Trichloroethane		70°F/21°C	A	A			
1,1,1 Trichloroethane		165°F/73°C	A	A	B	NR	NR
Trichloroethylene	100%	70°F/21°C	A	A	B	B	NR
Trichloroethylene	100%	150°F/65°C	A	A	B	NR	NR
Trichloroethylene	100%	180°F/82°C	A		B	NR	NR
Tricresyl Phosphate	100%	70°F/21°C	A	A	B	B	B
Tricresyl Phosphate	100%	100°F/37°C	A		B	B	B
Tridecyl Alcohol		70°F/21°C	A		B	B	B
Triethanolamine		100°F/37°C	A				
Triethanolamine Lauryl Sulfate		100°F/37°C	A	LR			
Triethylbenzene		150°F/65°C	A				
Triethylene Glycol		100°F/37°C	A				
Triethylenetetramine		100°F/37°C	A	A			
Trifluoroacetic Acid (3M)	100%	162°F/72°C	A	A	B	NR	NR
Triphenyl Phosphate		100°F/37°C	A	A	B	NR	NR
Tripotassium Phosphate		150°F/65°C	A	A	B	NR	NR
Trisodium Phosphate	5%	140°F/40°C	A		B	NR	NR
Tung Oil	100%	70°F/21°C	A	A	B	B	B
Turpentine		70°F/21°C	A		B	B	B
Urea Formaldehyde resin		100°F/37°C	A		B	B	B
Urea Liquor		266°F/130°C	A		B		B
Urea Solution	50%	100°F/37°C	A				
Urea-Ammonium Nitrate solution		150°F/65°C	A				
Uric Acid		70°F/21°C	A		B		
V-8 Vegetable Juice		70°F/21°C	A	A			
Vapam		100°F/37°C		A			
Varnish		150°F/65°C	A				
Vegetable Oil		100°F/37°C	A				
Vesphene (Steris Product)	100%	70°F/21°C			A		
Vesphene (Steris Product)	0.01%	70°F/21°C			A		
Vicks® Cough Syrup		70°F/21°C	A		B		NR
Vinegar (White)		70°F/21°C	A				
Vinyl Acetate (Clear liquid)		150°F/65°C	A		B	B	B
Vinyl Chloride		70°F/21°C	A		B	B	B
Vinyl Toluene		100°F/37°C	A		B	B	B
Water, Boiler		212°F/100°C	A				
Water, Boiling Distilled		225°F/107°C	A		B	B	B
Water, Boiling Distilled		250°F/121°C	A				
Water, Boiling Distilled		290°F/143°C	A	A	B	B	B
Water, Brackish		150°F/65°C	A	A			
Water, Cation Exchange	pH4	180°F/82°C	A		B		
Water, DI		100°F/37°C	A	A	B	B	B
Water, DI		150°F/65°C	A	A	B	B	B
Water, DI		212°F/100°C	A	A	B	B	NR
Water, Fresh		212°F/100°C	A	A	B	B	B
Water, Salt	5%	150°F/65°C	A		B	B	B
Water, Sea		165°F/73°C	A	A	B	B	B
Water, Sea		212°F/100°C	A	A	B	B	NR
Water, Tap		100°F/37°C	A	A	B	B	B
Water, Tap		150°F/65°C	A	A	B	B	B
Water, Tap		212°F/100°C	A		B	B	NR
Wax		200°F/93°C	A				
Whey		70°F/21°C	A				
Whiskey		150°F/65°C	A		B	B	B
White Liquor		150°F/65°C	NR	NR	B	B	B
Whizz® Laundry detergent	100%	150°F/65°C	NR	NR			
Wine		100°F/37°C	A		B	B	B
Wood Rosin	100%	100°F/37°C	A	A	B	B	B
Wood Rosin		388°F/197°C	A		B		NR
Xylene	100%	150°F/65°C	A	A	B	B	NR
P-Xylene		150°F/65°C	A	A	B	B	NR
Yeast		150°F/65°C			B		
Zinc Acetate	10%	100°F/37°C	A		B	B	B
Zinc Acetate	30%	100°F/37°C	A		B	B	B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



Heresite Chemical Resistance Guide

Chemical	Conc.	Temp	P-403L High bake phenolic	P-403L/L-66L High gloss bake phenolic system	P-413 Modified baked phenolic	HereShield	VR-514 Air dry phenolic
Zinc Calcium Bromide		150°F/65°C	A	A	B	B	B
Zinc Chloride	10%	150°F/65°C	A	A	B	B	B
Zinc Chloride	40%	70°F/21°C	A		B	B	B

A:Resistant B:Resistant Fume C:Secondary Containment LR: Call Heresite, Inc. NR:Not Recommended Blank:Insufficient Data

Heresite Protective Coatings LLC • 822 S. 14th St • Manitowoc, WI 54220
 800-558-7747 or 920-684-6646 • sales@heresite.com • www.heresite.com



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		
Perchlroethylene	VG			Ammonium Hydroxide 28%	E		
Ethylene Glycol	E						

Heresite CSE-7200 Series Chemical Resistance

Solvents:	Rating	Acid:	Rating	Oils:	Rating
MEK	VG	Sulfuric Acid 5%	G	Motore Oil	VG
Toluene	VG	Sulfuric Acid 50%	G	Brake Fluid	G
Xylene	G	Hydrochloric Acid 5%	G	Aviation Hydraulic Fluid	VG
Unleaded Gas	VG	Hydrochloric Acid 10%	G		
Denatured Alcohol	VG	Oleic	VG		
Methanol	E			Salts and Bases:	Rating
Mineral Spirits	E	Miscellaneous:	Rating	Sodium Hydroxide 10%	VG
Triethylamine	N/R	Bleach	VG	Sodium Hydroxide 50%	VG
N-Butanol	N/R	Dowanol PM	N/R	Ammonium Hydroxide 10%	E
MIBK	G	Water	E	Ammonium Hydroxide 28%	E
Ethylene Glycol	E	Hydrogen Peroxide 3%	E	Nitrogen Fertilizer (Urea)	E
Isopropyl Alcohol	E	TSP 1%	E	Pot Ash	E
Butyl Cellosolve	N/R	TSP 10%	E	Phosphate Fertilizer (Ammonium Phosphate)	E
Perchlroethylene	VG	Windex w/ ammonia	VG	Nitrogen Fertilizer Solution (Ammonium Nitrate)	E

Heresite ES-600 Chemical Resistance

Solvents:	Rating	Acid:	Rating	Miscellaneous:	Rating
Ethanol 40%	E	Sulfuric Acid 5%	E	d'Limonene	VG
Mineral Spirits	E	Oleic acid	E	Bleach- 5% sodium hypochlorite	E
WD-40	E	Citric Acid 50%	E	Pool Shock 12.5% sodium hypochlorite	E
Propylene Glyol	E			Water	E
		Salts and Bases:	Rating	Wet and Forget Quat blend	E
Oils:	Rating	Sodium Hydroxide 10%	E	TSP 10%	E
Dirty Motor Oil	E	Sodium Hydroxide 50%	E	Windex w/ ammonia	E
Motorcraft Brake Fluid	E	Ammonium Hydroxide 10%	E	Sodium Tetraborate 10% solution	E
Skydrol LD-4	E	Ammonium Hydroxide 28%	E	Wasp and Hornet Killer Spray (aerosol)	E
10W30 motor oil	E	Sodium Chloride 15% solution	E	Hydrogen Peroxide 3%	E