

# Chemical Resistance Data

Data is based on the application of listed reagents to the top surface of the coating material.

Chemical (Reagent)	% Conc.	EPOXY			URETHANE & POLYASPARTIC			MMA
		ProPoxy S	ProPoxy CR		ProThane	ProSpartic	ProKrete HD, MD, & TF	
Acetic Acid, Glacial (ACS Reagent Grade)	10%	R	R		R	R	R	R
Acetic Acid, Glacial (ACS Reagent Grade)	30%	SD	R		S	S	R	SD
Acetic Acid, Glacial (ACS Reagent Grade)	50%	N	R		S	S	SD	N
AC-103 (CIP HD Alkaline Cleaner)	100%	R	R		R	SD	R	R
Acetone		N	N		R	R	R	N
Ammonia	30%	R	R		R	R	R	R
Ammonium Hydroxide	30%	R	R		R	R	R	SD
Antifreeze		R	R		R	R	R	R
Aromatic 100		SD	R				SD	
Aromatic Hydrocarbons - Naphthalene		SD	R				SD	
Avance Grease Cutter		R	R		R	R	SD	R
Avance Pot and Pan Detergent		R	R		R	R	SD	R
Benzene		N	SD		R	R	N	N
Benzyl Alcohol		SD	N		R	R	SD	N
Betadine	10%	SD	SD		S	S	S	S
Boric Acid	4%	R	R		R	R	R	R
Brake Fluid, DOT 3		SD	SD		R	S	SD	R
Butyl Alcohol (ACS Reagent Grade)		SD	R		S	S	SD	N
Butyl Carbitol (Dow)		SD	R		S	S	SD	N
Butyl Cellosolve (Dow)		N	SD		SD	SD	SD	N
Butyl Cellosolve Acetate (Dow)		N	SD		SD	SD	SD	N
Caustic Soda Solution (Sodium Hydroxide-1N)		R	R		R	R	R	R
ChlorPrep One-Step (Skin Preparation)	2%	R	S		S	R	S	R
Chlorine Bleach 2000		SD	R		R	R	S	R
Chromic Acid (plating)	10%	S	S		S	S	S	S
Chromic Acid (plating)	40%	N	S		S	S	SD	SD
CIP 100 Cleaner	100%	R	R		R	R	R	R
CIP 200 Cleaner	100%	SD	SD		SD	SD	SD	SD
CIP 220 Cleaner	100%	N	N		SD	R	S	R
CIP 300 Cleaner	100%	R	R		R	R	R	R
Citric Acid (ACS Reagent Grade)	10%	R	R		R	R	R	R
Citric Acid (ACS Reagent Grade)	20%	R	R		R	R	R	R
Citric Acid (ACS Reagent Grade)	50%	N	R		R	R	R	R
Clorox	10%	R	R		R	R	R	R
Coffee		S	R		R	R	R	R
Cola	100%	SD	R		R	R	R	R
Copper Sulfate	10%	S	S		S	S	S	S
Coulter Tru Color Wright Stain (Beckman)	20%	S	S		S	S	S	S
Cupric Chloride (intravenous solution)	50%	S	S		S	S	S	S
Cyclohexanone	10%	SD	R				SD	R

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Detergent (heavy duty)		R	R		R	R	R	R
Diacetone alcohol (hydraulic fluid base)		N	SD		SD	SD		N
Diesel		R	R		R	R	R	R
Dimethyl Ethanol Amine (skin care products)		S	S					
Dimethylformamide (DMF)		N	N		R	R	N	S
Drano (sodium hydroxide blend)		SD	R		R	R	R	
DuraPrep Surgical Solution (3M)	2%	SD	N		SD	SD	S	SD
Ecolab AC-3 Liquid Acid Detergent Cleaner		N	R		SD	S	SD	S
Ecolab Enforce LP (0.5%)		S	R		SD	R	SD	R
Ecolab Envirocid (nitric/sulfuric acid detergent)	100%	N	N		N	S	S	N
Ecolab Exelerate Tufsoil Cleaner		S	R		R	R	R	R
Ecolab Neutral Disinfectant Cleaner (NDC)	100%	SD	SD		R	R	SD	R
Ecolab Neutral Disinfectant Cleaner (NDC)	1 oz/gal	SD	R		R	R	SD	R
Ecolab Sanitizing Wash & Walk			S		S	S	S	
Ecolab Turbo Charge II NP		R	R		R	R	R	R
Ester EEP UCAR (Dow) Solvent		N	SD		R	R	N	N
Ethanol	95%	N	SD		R	R	SD	SD
Ethyl Acetate	99%	N	SD		SD	SD	SD	SD
Fluoboric Acid (plating)		SD	R					
Formaldehyde	37%	SD	S		S	S	S	S
Gasoline		R	R		R	R	R	R
Glycol Ether		N	SD		R	R		R
Heating Oil (Home)		R	R		R	R	R	R
Hexane (ACS Reagent Grade)		N	SD		R	R	R	R
Hibiclens (Antimicrobial & Antiseptic Soap)	4%	R	S		R	S	R	R
Hydraulic Fluids		R	R		R	R	R	R
Hydrochloric Acid (ACS Reagent Grade)	5%	S	R		R	R	R	R
Hydrochloric Acid (ACS Reagent Grade)	20%	S	S		S	S	S	S
Hydrochloric Acid (ACS Reagent Grade)	37%	N	S		S	S	S	S
Hydrofluoric Acid (ACS Reagent Grade)	10%	N	S		N	N	SD	SD
Hydrofluoric Acid (ACS Reagent Grade)	48%	N	N		N	N	N	N
Hydrofluosilic Acid	23%	R	R		S	S	R	R
Hydrogen Peroxide	25%	SD	R		S	S	R	R
Hydrogen Peroxide	50%	N	R		S	S	R	R
Iodine Tincture (First Aid Antiseptic)	2%	S	S		S	S	S	S
Isopropanol (70%)		SD	R		R	R	SD	SD
Isopropyl Acetate	99%	SD	R		S	S	SD	N
Jet Fuel		R	R		R	R	R	R
Lactic Acid	10%	N	R		R	S	R	R
Lactic Acid	30%	N	N		SD	SD	R	R

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		ProPoxy S	ProPoxy CR		ProThane	ProSpartic	ProKrete HD, MD, & TF	
Lactic Acid (ACS Reagent Grade)	85%	N	N		N	N	R	R
Magnesium Hydroxide		R	R		R	R	R	R
MEK		N	N		SD	SD	N	N
Methanol		N	N		R	R	N	N
Methylene Chloride (Dichloromethane)		N	N		N	N	N	N
Methyl Isobutyl Ketone (MIBK)		N	SD		R	R	N	N
Mineral Oil		R	R		R	R	R	R
Mineral Spirits		SD	R		R	R	R	R
Monoethanolamine (MEA)		S	S					
Motor Oil		R	R		R	R	R	R
Mustard (Yellow)		S	S		R	R	S	R
Nickel Chloride		S	S		S	S	S	S
Nickel Sulfate		S	S		S	S	S	S
Nitric Acid (ACS Reagent Grade)	10%	SD	R		S	S	S	S
Nitric Acid (ACS Reagent Grade)	20%	SD	R		SD	N	S	S
Nitric Acid (ACS Reagent Grade)	30%	N	R		N	N	S	SD
Nitric Acid (ACS Reagent Grade)	40%	N	R		N	N	SD	N
Nitric Acid (ACS Reagent Grade)	70%	N	SD		N	N	N	N
Oleic Acid		R	R		R	R	R	R
Oxalic Acid	10%	R	R		R	R	R	R
Peppermint Oil	100%	R	R		S	R	R	
Peraclean 15 (Biocide)		SD	S		SD	R	S	R
Peroxigard (1-Step Cleaner & Disinfectant)		SD	SD		SD	S	S	S
Phosphoric Acid (ACS Reagent Grade)	10%	N	R		R	R	R	R
Phosphoric Acid (ACS Reagent Grade)	25%	N	SD		R	R	R	R
Phosphoric Acid (ACS Reagent Grade)	75%	N	N		N	N	N	SD
Phosphorous Trichloride	100%	N	SD					N
PM Solvent		N	SD		R	R	S	N
Potassium Cyanide (plating)		S	S		S	S		S
Potassium Hydroxide (Caustic Potash)	45%	R	R		R	R	R	R
Propionic Acid (Food Grade)	99%	SD	R		SD	SD		N
Propyl Acetate	99%		R		R	R	R	N
Propyl Cellosolve (Dow) - Printing		N	SD		SD	SD	N	
Propylene Glycol		R	R		R	R	R	R
Propylene Glycol Ether		N	R		R	R	SD	R
ProVet Logic Kennel Floor Cleaner	100%	R	R		R	R	R	R
Sani Clean Acid-Based Surface Sanitizer (CIP)		S	S		S	S	S	R
Silver Cyanide (plating)		S	S		S	S		
Silver Nitrate (anti-infective agent)	5%	S	S		S	R	S	S
Silver Nitrate (anti-infective agent)	20%	S	S		S	S	S	S

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		ProPoxy S	ProPoxy CR		ProThane	ProSpartic	ProKrete HD, MD, & TF	
Skydrol		SD	R		R	SD		R
Sodium Chloride		R	R		R	R	R	R
Sodium Hydroxide		R	R		R	R	R	R
Sodium Hypochlorite, 10-15% (Disinfectant)	5%	R	R		SD	R	R	R
Sodium Hypochlorite, 10-15% (Disinfectant)	15%	SD	R		SD	R	S	R
Sodium Hypochlorite, 10-15% (Disinfectant)	50%	SD	SD		SD	R	S	R
Sodium Hypochlorite, 10-15% (Disinfectant)	100%	SD	SD		SD	SD	S	R
Spartan, Inspector's Choice Grease Cleaner	5%	S	R		R	R	R	R
Spartan, SparClean Sure Step Floor Cleaner	1.5%	R	R		R	R	S	R
Spearmint Oil		SD	R		S	S	S	N
Spor-Klenz (Steris Sterilent & Sporicidal)	.30%	S	R		S	R	R	R
Star San (Five Star Acid Surface Sanitizer)		S	S		S	S	S	R
Steris Vesphene II ST (Sterile Disinfectant)	2 oz/2 gal water	SD	SD		R	R	SD	SD
Stoddard Solvent (Parts Cleaner & Degreaser)		N	SD		SD	SD	N	N
Styrene		N	SD		N	N	N	N
Sulfuric Acid (ACS Reagent Grade)	10%	S	S		S	S	S	S
Sulfuric Acid (ACS Reagent Grade)	30%	N	S		SD	SD	S	S
Sulfuric Acid (ACS Reagent Grade)	50%	N	S		N	SD	S	SD
Sulfuric Acid (ACS Reagent Grade)	96%	N	SD		N	N	N	N
Tannic Acid	20%	S	S		S	S	S	
Tartaric Acid	10%	R	R		R	R	R	R
Transmission Oil	100%	R	R		R	R	R	R
Trichloroethylene (Metal Parts Degreaser)	100%	N	N		R	SD	N	
Triethanolamine (TEA- ACS Reagent Grade)	100%	SD	S				R	
Urine		R	R		R	R	R	R
Vinegar (Red Wine)		S	S		R	R	R	R
Vinegar (White)		R			R	R	R	R
Virex (Quat-Based Disinfectant Cleaner)		R	R		R	R	R	R
Vortexx (2600 ppm)	.26%	S	N		SD	R	SD	R
Water		R	R		R	R	R	R
Wine (Red)		S	R		S	R	R	R
Xylene		SD	R		R	R	SD	N

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Data is based on exposure at room temperature. Coating materials were tested using ASTM D1308-20 spot test "covered method" up to 7 days. Test results are valid only for the tested conditions and cannot accurately predict performance in actual use settings. Combinations of above substances were not tested with other substances and the effects of a combination of substances cannot be determined from these results. Data is approved "AS IS," without Warranty of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. The entire risk of the data shall be with the user. v1.21.2017