

SikaFlow[®] EPOXY GROUTS CHEMICAL RESISTANCE GUIDE



CHEMICAL RESISTANCE GUIDE

MANY YEARS OF FIELD EXPERIENCE and laboratory testing have shown that SikaFlow® epoxy grouts can be used successfully in a wide variety of chemical environments. The information in this bulletin is based on a long history of successful installations in many types of manufacturing and chemical processing environments.

Rating Descriptions

N = Not recommended

R = Resistant, splash and spill

T = Varies with conditions, may require testing

NOTE: Recommendations are based on temperatures up to 100 °F (38 °C). If exposure is anticipated at elevated temperatures, or for more specific guidance, please contact your Sika representative.

CHEMICAL COMPOUND	RESISTANCE
Acetaldehyde 100%	R
Acetic Acid 10%	R
Acetic Acid >10%	N
Acetic Anhydride	N
Acetone 100%	R
Acetyl Chloride 100%	Т
Acrylic Acid 100%	N
Acrylonitrite	N
Adipic Acid 25%	R
Allyl Alcohol	R
Allyl Chloride	Т
Alum (Saturated Solution)	R
Aluminum Bromide	R
Aluminum Chloride	R
Aluminum Nitrate (Saturated)	R
Aluminum Sulfate	R
Ammonia Anhydrous Liquid	R
Ammonia Aqua	See Ammonium Hydroxide
Ammonia (Wet Gas)	R
Ammonium Chloride	R
Ammonium Cocoampholyte 30%	Т
Ammonium Fluoride 10%	R
Ammonium Hydroxide 20%	R
Ammonium Lauryl Sulfate 30%	R
Ammonium Nitrate	R
Ammonium Persulfate	R
Ammonium Sulfate	R
Ammonium Sulfide	R
Ammonium Sulfite	R
Ammonium Xylene Sulfonate 40%	R
Amyl Acetate	Т





Ambier Marie	CHEMICAL COMPOUND	RESISTANCE	CHEMICAL COMPOUND	RESISTANCE
Authorst	Amyl Alcohol	R	Cresol (Cresylic Acid)	N
Ansabrery Debrate Ansabrery (Abrica) Anteriorney Charles Anteriorn	Aniline	R	Cumene	T
Modelling-Sulfurier	Aniline Hydrochloride	N	Cyclohexane	R
Antimony Orthodolard T Observations Procedure R Accessors And Marrier Trinschol N Disbudy antimates R Accessors And Marrier Trinschol N Disbudy antimates N Bastum Holdonde R Otherhodocol N Bastum Holdonde T Otherhodocol R Bastum Holdonde T Otherhodocol N Bastum Holdonde T Otherhodocol N Bastum Holdonde T Otherhodocol N Berster Holdonde R Otherhodocol N Berster Gelbard R Otherhodocol T Berster Gelbard R Otherhodocol R Berster Gelbard R Otherhodocol R Berster Gelbard R	Anodizing-Chromic	N	Cymene	R
Marchesta April Architect	Anodizing-Sulfuric	R	Dextrose	R
Asseros And Jéremon Tironte) A Declino Coloratie R Dethalastante R Dethalastante R Dethalastante R Dethalastante R Dethylectoride R	Antimony Chloride (tri)	Т	Dibromopropane Phosphate	R
Destance No. Destance No.	Aqua Regia	N	Dibutyl phthalate	R
Rathern Meyemands	Arsenous Acid (Arsenic Trioxide)	N	Dichloroacetic Acid 20%	N
Tablem Salfride	Barium Chloride		Diethanolamine	N
Bernard Holloride	Barium Hydroxide		Diethylene Chloroformate	
Bernard-Marked	Barium Sulfide			
Betterne (Percent)	Benzal Chloride		Dimethylaminopropylamine	
Receiver No. Common Comm	Benzaldehyde		Dimethyl Aniline	
Benzame Thiol				
Bencyl Acthoris				
Bennick Auf Saturated R	Benzene Thiol		Dimethyl Sulfoxide	
Benzon Chloriole	Benzyl Alcohol	R	Dinitro Benzene	Т
Barray (Inforting N Dedary (Abbni) (Jawy) R Bort (April Speey) N Ethnori See Ethyl Altrob Bort (April Staturated) R Ethnory Ethnori R Bort (April Staturated) R Ethnory Ethnory R Bort (April Staturated) R Ethnory (Ethnory) R Burl (April Staturated) R Ethyl April April April Carb R Burly Aberhate R Ethyl April Romide T Burly April (Abril Staturated) R Ethyl Chloride T Burly (April Staturated) R Ethyl Chloride T Burly (April Staturated) R Ethyl Ethnory R Burly (April Staturated) R Ethyl Ethnory R Burly (April Staturated) R Ethyl Ethnory R Burly (April Staturated) R Ethyleric (Cycol) R Burly (April Staturated) R Ethyleric (Cycol) R Burly (April Staturated) R Ethyleric (Cycol) R Burly (April Staturated)	Benzoic Acid (Saturated)		Dinitro Toluene	
Bilbert Liquitor Papers N	Benzoyl Chloride		Dioxin	
Bonk Add (Saturated) R Ethoxy Ethanol R Bommine, Gas T Ethyd Actaban T Bommine Water 5% N Ethyd Actaban R Buttyd Normal N Ethyd Actylate T Buttyd Arcylate R Ethyd Romand T Buttyd Amine T Ethyd (Delocation) T Buttyd Carbitol R Ethyd (Delocation) R Buttyd Carbitol Acetate R Ethyd Ether R Buttyd Celescable R Ethyd Ether R Buttyd Celescable R Ethydramine N Buttyd Celescable R Ethydramine	Benzyl Chloride		Dodecyl Alcohol (Lauryl)	
Blomine Marter 5%	Black Liquor (Paper)	N		See Ethyl Alcohol
Brumine Warter 5% N	Boric Acid (Saturated)		Ethoxy Ethanol	
Bittann Normal Bitty Aceptate R	Bromine, Gas	Т	Ethoxylated Nonyl Phenol	Т
Ethyl Ackrole	Bromine Water 5%	N	Ethyl Acetate	R
Ethyl Bromide	Butanol Normal	N	Ethyl Acrylate	Т
Ethyl Carbotic T	Butyl Acetate	R	Ethyl Alcohol	R
Buty Carbitol Actato	Butyl Acrylate	R	Ethyl Bromide	Т
Butyl Caribtol Acetate R Ethyl Ether T Butyl Cellosolve R Ethyl Heyyl Acrylate T Butyl Cellosolve Acetate R Ethylamine N Butyl Acid Lendinic R Ethylene Dichloride N Butyl Acid Loudinic R Ethylene Oxide (Diluto) R Calcium Playor Acid (Diluto) R Ethylene Oxide (Diluto) R Calcium Playor Acid (Diluto) R Ethylene Oxide (Diluto) R Calcium Plydrodde R Ethylene Oxide (Diluto) R Calcium Plydrodde R Fertilizer-Duy R Calcium Plydrodde R Fertilizer-Duy R Calcium Plydrodde R Fertilizer-Duy R Calcium Plydrodde R	Butyl Amine	Т	Ethyl Chloride	Т
Butyl Cellosolve R Ethyl Hexpl Acrylate T Butyl Cellosolve Acetate R Ethylamine N Butyl Ether R Ethylene Dichloride N Butyl Acid Levulnic R Ethylene Clycol R Butyl Acid 100% R Ethylene Clycol R Caldrum Plating-Cyanide R Ethylene Clycol R Caldrum Plydrody R Ethylene Clycol R Calcium Bladfite N Ferric Chloride R Calcium Hydroxide R Ethylene Cycle R Calcium Hydroxide R Ferrillizer-Liquid T Calcium Hydroxide R Fusionitic Acid T <t< td=""><td>Butyl Carbitol</td><td>R</td><td>Ethyl Chloroformate</td><td>R</td></t<>	Butyl Carbitol	R	Ethyl Chloroformate	R
Butyl Cellosobe Acetate R Ethlyamine N Butyl Ether R Ethlyene Clycol R Butyl Acid Levulinic R Ethlyene Clycol R Butyl Acid Lot Work R Ethlyene Clycol R Butyl Suffate R Ethly Suffate R Calcium Plauffre N Ferric Chloride R Calcium Plauffre N Ferric Suffate R Calcium Plauffre N Ferri Suffate R Calcium Plauffred N Ferri Suffate R Calcium Plauffred N Ferri Suffate R Calcium Plauffred R Ferrillizer-Liquid T Calcium Plauffred R Ferrillizer-Liquid T Calcium Plauffred N Full Calcium Plauffred T Calcium Plauffred N Full Calcium Plauffred T Calcium Plauffred N Full Calcium Plauffred T Calcium Plauffred R Formalded Plauffred R Calcium	Butyl Carbitol Acetate	R	Ethyl Ether	R
Butyl Ether R Ethlyene Olyclo Olyche olycle Olycholorde N Butyric Acid Levulinic R Ethylene Oxide (Oliute) R Butyric Acid Levulinic R Ethylene Oxide (Oliute) R Cadrium Plating-Cyanide R Ethyl Sulfate R Calcium Bisuffite N Ferric Sulfate R Calcium Hydroxide R Fertilizer-Dry R Calcium Hydroxide R Furbilizer-Dry R <t< td=""><td>Butyl Cellosolve</td><td>R</td><td>Ethyl Hexyl Acrylate</td><td>Т</td></t<>	Butyl Cellosolve	R	Ethyl Hexyl Acrylate	Т
Butyl Acid Levulinic R Ethylene Oxide (Dilute) R Butyric Acid 100% R Ethylene Oxide (Dilute) R Calcium Bisulfite N Ferric Sulfate R Calcium Chloride N Ferric Sulfate R Calcium Hypochlorite S% T Ferrilizer-Liquid T Calcium Hypochlorite S% R Formaldehyde R Calcium Hypochlorite School R Formaldehyde R Carboli CA Acid Chemol B8% R Formic Acid N Carboli CA Acid Chemol B8% R	Butyl Cellosolve Acetate	R	Ethylamine	N
Butyric Acid 100% R Ethyle of Didice (Dilute) R Cadmium Plating-Cyanide R Ethyl Suffate R Calcium Hording N Ferric Chloride R Calcium Hydroxide R Ferrii Suffate R Calcium Hydroxide R Ferrilizer-Dry R Calcium Hydroxide R Ferrilizer-Liquid T Calcium Hydroxide N Fluoboric Acid T Calcium Hydroxide N Ferrilizer-Liquid T Calcium Hydroxide N Ferrilizer-Dry R Calcium Hydroxide R Ferrilizer-Dry R Calcium Hydroxide R R Furnician Acid *20% R Carbon Busilite R Furnician Acid *20% R	Butyl Ether	R	Ethlyene Dichloride	N
Cadnium Plating-Cyanide R Ethyl Sulfate R Calcium Bluiffre N Ferric Chloride R Calcium Hydroxide R Fertilizer-Dry R Calcium Hydroxide R Fertilizer-Liquid T Calcium Hydroxide N Fertilizer-Liquid T Calcium Hydroxide N Fluboric Acid T Caprylic Acid (Octanoic Acid) N Fluboric Acid R Carbolic Acid (Pheno) 88% R Formaldehyde R Castonoil 8 R Furfuryl Alchorid R Castonoil 8 R Gullocose R <	Butyl Acid Levulinic	R	Ethylene Glycol	R
Calcium Bisulfite N Ferric Chloride R Calcium Chloride N Ferric Suffate R Calcium Hypochlorite 5% T Fertilizer-Dry R Calcium Hypochlorite 5% T Fertilizer-Liquid T Calcium Hypochlorite 5% T Fertilizer-Liquid T Calcium Sikrate N Fluobric Acid T Carbiu Chaid (Octanoic Acid) N Fluobric Acid R Carbiol Rodd (Phenol) 88% R Formaldehyde R Carbiol Rodd (Phenol) 88% R Formic Acid N Carbin Gard R Furfural ± 10% R Carbin Gard R Gasoline - Chad 10% R Cellosoble Acetate R Gasoline - Diesel Aviation R <td>Butyric Acid 100%</td> <td>R</td> <td>Ethylene Oxide (Dilute)</td> <td>R</td>	Butyric Acid 100%	R	Ethylene Oxide (Dilute)	R
Calcium Chloride N Ferrilizer-Dy R Calcium Hydroxide R Ferrilizer-Dry R Calcium Hydroxide T Ferrilizer-Liquid T Calcium Hydroxide N Fluosilici Acid* 25% R Carboil CAcid (Charoic Acid) N Fluosilici Acid* 25% R Carboil CAcid (Phenol) 88% R Formaldehyde R Carboil Saylife R Formic Acid N Carboil Saylife R Fuffural ±10% T Castor Oil R Fuffural ±10% R Cellosolve R Gasoline - Diesel R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid > 20% R Gasoline - Diesel R Chloroacetic Acid > 20% R Gasoline - Diesel R Chloroacetic Acid >	Cadmium Plating-Cyanide	R	Ethyl Sulfate	R
Calcium Hydroxide R Fertilizer-Dry R Calcium Hydrothorite 5% T Fertilizer-Liquid T Calcium Nitrate N Fluoboric Acid T Caprylic Acid (Otanoic Acid) N Fluosifice Acid*25% R Carbonic Acid (Phenoi) 88% R Formaldehyde R Carbon Bisuffte R Formic Acid N Carbon Bisuffte R Formic Acid N Carbon Bisuffte R Furfural \$10% T Castor Oil R Furfural \$10% T Castor Oil R Furfural \$10% T Castor Oil R Gasoline - Awation R Cellosove Actate R Gasoline - Diesel R Chloracetic Acid ≤ 20% R Gasoline - Gasohol (10% MeOH) R Chloracetic Acid ≤ 20% R Gasoline - Diesel R Chloracetic Acid ≤ 20% R Glyceine R Chloracetic Acid ≤ 20% R Glyceine R Chloracetic	Calcium Bisulfite	N	Ferric Chloride	R
Calcium Hypochlorite 5% T Fertilizer-Liquid T Calcium Nitrate N Fluobolic Acid T Carbylic Acid (Octanoic Acid) N Fluosilicic Acid* 25% R Carbolic Acid (Phenol) 88% R Formaldehyde R Carbon Bisulfite R Formic Acid N Carbon Disulfite T Furfuryl al 10% T Castor Oil R Furfuryl Alcohol R Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid s 20% R Gasoline - Gasohol (10% MeOH) R Chloroacetic Acid s 20% R Gasoline - Unleaded R Chloroacetic Acid s 20% R Guscoline - Unleaded R Chloroacetic Acid s 20% R Guscoline - Unleaded R Chloroacetic Acid s 20% R Guscoline - Unleaded R Chloroacetic Acid s 20% R Guscoline - Gasohol (10% MeOH) R Chloroacetic Acid s 20% R <td>Calcium Chloride</td> <td>N</td> <td>Ferric Sulfate</td> <td>R</td>	Calcium Chloride	N	Ferric Sulfate	R
Calcium Nitrate N Fluoboric Acid T Caprylic Acid (Octanoic Acid) N Fluosilicic Acid*25% R Carbolic Acid (Openol) 88% R Formaldehyde R Carbon Bisulfite R Formic Acid N Carbon Tetrachloride T Furfuryl Alcohol R Carbon Education R Furfuryl Alcohol R Calsolice Acid Scione R Gasoline - Avatition R Cellosolve Acetate R Gasoline - Diesel R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid ≤ 20% R Gasoline - Unleaded R Chloroacetic Acid ≤ 20% R Gasoline - Unleaded R Chloroacetic Acid ≤ 20% R Guscoline - Unleaded R Chloroacetic Acid ≤ 20% R Guscoline - Unleaded R Chloroacetic Acid ≤ 20% R Guscoline - Unleaded R Chloroacetic Acid ≤ 20% R Glycerine R Chloroacetic Acid ≤ 20% R	Calcium Hydroxide	R	Fertilizer-Dry	R
Carpylic Acid (Octanoic Acid) N Fluosilicic Acid **25% R Carbolic Acid (Phenol) 88% R Formaldehyde R Carbon Bisulfite R Formic Acid N Carbon Tetrachloride T Furfuryl a 10% T Castor Oil R Furfuryl Alcohol R Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Gasohol (10% MeOH) R Chloroacetic Acid s 20% R Gasoline - Casohol (10% MeOH) R Chloroacetic Acid > 20% R Gasoline - Unleaded R Chloroacetic Acid > 20% R Gasoline - Oline Acid R Chloroacetic Acid > 20% R Gycreine	Calcium Hypochlorite 5%	Т	Fertilizer-Liquid	
Carbolic Acid (Phenol) 88% R Formaldehyde R Carbon Bisulfite R Formic Acid N Carbon Disulfite T Furfural s 10% T Castor Oil R Furfuryl Alcohol R Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid s 20% R Gasoline - Gasohol (10% MeOH) R Chloriacetic Acid s 20% R Gasoline - Unleaded R Chloriace Dioxide Solution R Glucose R Chloriace Dioxide Solution R Glucose R Chloriace Water (Saturated) R Glycelic Acid to 70% R Chlorobenzene (Mono) R Gold Plating (Cyanide) R Chlorobutane R Grape Juice R Chlorobutane R Grape Juice R Chlorophenol R Heptane R Chlorophenol R Hydrazine 35% R Chlorophen	Calcium Nitrate	N		Т
Carbon Bisulfite R Formic Acid N Carbon Cetrachloride T Furfural ± 10% T Castor Oli R Furfuryl Alcohol R Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid ≤ 20% R Gasoline - Gasohol (10% MeOH) R Chloride Dioxide Solution R Gasoline - Unleaded R Chlorine Dioxide Solution R Glucose R Chlorine Water (Saturated) R Glycerine R Chlorobenzene (Mono) R Glycolic Acid to 70% R Chlorobutane R Grape Juice R Chlorobutane R Grape Juice R Chlorobutane R Grape Juice R Chlorobutane R Green Liquor (Paper) R Chlorobutane R Heytane R Chlorobutane R Heytane R Chlorobutane R	Caprylic Acid (Octanoic Acid)	N	Fluosilicic Acid* 25%	R
Carbon Tetrachloride T Furfural ≤ 10% T Castor Oil R Furfuryl Alchohl R Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid ≤ 20% R Gasoline - Gasohol (10% MeOH) R Chloride Dioxide Solution R Glucose R Chlorine Qas R Glyceine R Chlorine Water (Saturated) R Glycolic Acid to 70% R Chloride Water (Saturated) R Glycolic Acid to 70% R Chlorobutane R Glycolic Acid to 70% R Chlorobutane R Grape Juice R Chlorobutane R Grape Juice R Chlorophenol R Heptane R Chlorophenol R Heptane R Chlorophenol R Heytane R Chlorophenol R Hydrazine 35% R Chromic Acid 10% R H	Carbolic Acid (Phenol) 88%		Formaldehyde	
Castor Oil R Furfuryl Alcohol R Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid ≤ 20% R Gasoline - Gasohol (10% MeOH) R Chloriae Dioxide Solution R Gasoline - Unleaded R Chlorine Dioxide Solution R Glucose R Chlorine Water (Saturated) R Clycerine R Chlorobuzane (Mono) R Clycerine R Chlorobuzane (Mono) R Grape Julice R Chlorobuzane (Mono) R Heptane R Chlorobuzane (Mono) R Heptane R Chlorobuzane (M	Carbon Bisulfite		Formic Acid	
Cellosolve R Gasoline - Aviation R Cellosolve Acetate R Gasoline - Diesel R Chloroacetic Acid ≤ 20% R Gasoline - Gasohol (10% MeOH) R Chloroacetic Acid > 20% R Gasoline - Unleaded R Chlorine Dioxide Solution R Glucose R Chlorine Water (Saturated) R Glycerine R Chlorine Water (Saturated) R Glycolic Acid to 70% R Chlorobutane R Gold Plating (Cyanide) R Chlorobutane R Grape Juice R Chlorophenol R Green Liquor (Paper) R Chlorophenol R Heytane R Chlorophenol R Heyane R Chlorophenol R Heyane R Chlorophenol R Hydrazine 35% R Chlorophenol R Hydrazine Hydrate T Chromic Acid 10% R Hydrobromic Acid 20% T Chromic Acid 10% R Hydrobromic Acid 48% N Copper Plating-Cyanide	Carbon Tetrachloride			Т
Cellosolve Acetate R Casoline - Diesel R Chloroacetic Acid ≤ 20% R Casoline - Gasohol (10% MeOH) R Chloroacetic Acid > 20% R Casoline - Unleaded R Chlorine Dioxide Solution R Glucose R Chlorine Gas R Clycerine R Chlorine Water (Saturated) R Clycolic Acid to 70% R Chlorobuzene (Mono) R Cold Plating (Cyanide) R Chlorobuzene (Mono) R Cold Plating (Cyanide) R Chlorobuzene R Green Liquor (Paper) R Chlorophenol R Heptane R Chlorosulfonite Acid R Heyane R Chlorosulfonite Acid R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chromic Chloride R Hydrozine Hydrate T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N	Castor Oil		·	
Chloroacetic Acid ≤ 20% R Chloroacetic Acid > 20% R Chlorine Dioxide Solution R Chlorine Gas R Chlorine Gas R Chlorine Water (Saturated) R Chlorobenzene (Mono) R Chlorobenzene (Mono) R Chlorobenzene (Mono) R Chlorobenzene R Chlorobenzene Chlorobene R Chlorobenzene Chlorobene R Chlorobenzene Chlorobene R Chlorobene	Cellosolve			
Chloroacetic Acid > 20% R Chlorine Dioxide Solution R Chlorine Gas R Chlorine Water (Saturated) R Chlorine Water (Saturated) R Chlorobenzene (Mono) R Chlorobenzene (Mono) R Chlorobutane R Chloroform R Chloroform R Chlorophenol R Chlorosulfonite Acid R Chlorosulfonite Acid R Chlorotoluene R Chromic Acid 10% R Chromic Acid 10% R Chromic Plating 20 - 48 oz / gal R Chromic Chloride <td< td=""><td>Cellosolve Acetate</td><td></td><td></td><td></td></td<>	Cellosolve Acetate			
Chlorine Dioxide Solution R Glucose R Chlorine Gas R Glycerine R Chlorine Water (Saturated) R Glycolic Acid to 70% R Chlorobenzene (Mono) R Gold Plating (Cyanide) R Chlorobutane R Grape Juice R Chlorophenol R Heptane R Chlorophenol R Heyane R Chlorosulfonite Acid R Heyane R Chlorosulfonite Acid R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chromic Acid 20% T T Chromic Chloride R Hydrobromic Acid 20% T Chromic Chloride R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid 48% R Copper Plating-Acid R Hydrochloric Acid 10% R Com Oil R Hydrofluoric Acid 10% R	Chloroacetic Acid ≤ 20%			
Chlorine Gas R Glycerine R Chlorine Water (Saturated) R Glycolic Acid to 70% R Chlorobenzene (Mono) R Gold Plating (Cyanide) R Chlorobutane R Grape Juice R Chloroform R Green Liquor (Paper) R Chlorophenol R Heptane R Chlorosulfonite Acid R Heyane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydroitic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Chromic Chloride R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid 10% R	Chloroacetic Acid > 20%			
Chlorine Water (Saturated) R Clycolic Acid to 70% R Chlorobenzene (Mono) R Gold Plating (Cyanide) R Chlorobutane R Grape Juice R Chloroform R Green Liquor (Paper) R Chlorophenol R Heptane R Chlorosulfonite Acid R Hexane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydroitc Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid 48% N Copper Plating-Acid R Hydrochloric Acid 10% R Com Oil R Hydrofluoric Acid 10% R Hydrofluoric Acid 10% R Hydrofluoric Acid 10% R	Chlorine Dioxide Solution			
Chlorobenzene (Mono) R Gold Plating (Cyanide) R Chlorobutane R Grape Juice R Chloroform R Green Liquor (Paper) R Chlorophenol R Heptane R Chlorosulfonite Acid R Hexane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydrotomic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid 48% R Copper Plating-Acid R Hydrochloric Acid 10% R Com Oil R Hydrofluoric Acid 10% R	Chlorine Gas			
Chlorobutane R Grape Juice R Chloroform R Green Liquor (Paper) R Chlorophenol R Heptane R Chlorosulfonite Acid R Hexane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydroitic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid ≥ 20% N	Chlorine Water (Saturated)			
Chloroform R Green Liquor (Paper) R Chlorophenol R Heptane R Chlorosulfonite Acid R Hexane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydroitic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid ≥ 20% N	Chlorobenzene (Mono)			
Chlorophenol R Heptane R Chlorosulfonite Acid R Hexane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydrotic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid ≥ 20% N	Chlorobutane			
Chlorosulfonite Acid R Hexane R Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydroitic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid ≥ 20% N	Chloroform			
Chlorotoluene R Hydrazine 35% R Chromic Acid 10% R Hydrazine Hydrate T Chrome Plating 20 - 48 oz / gal R Hydroitc Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid ≥ 20% N	Chlorophenol			
Chromic Acid 10%RHydrazine HydrateTChrome Plating 20 - 48 oz / galRHydriotic Acid 20%TChromic ChlorideRHydrobromic Acid 20%TCitric AcidRHydrobromic Acid 48%NCopper Plating-CyanideRHydrochloric Acid ≤ 37%RCopper Plating-AcidRHydrofluoric Acid 10%RCom 0ilRHydrofluoric Acid ≥ 20%N	Chlorosulfonite Acid			
Chrome Plating 20 - 48 oz / gal R Hydriotic Acid 20% T Chromic Chloride R Hydrobromic Acid 20% T Citric Acid R Hydrobromic Acid 48% N Copper Plating-Cyanide R Hydrochloric Acid ≤ 37% R Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid ≥ 20% N	Chlorotoluene			
Chromic ChlorideRHydrobromic Acid 20%TCitric AcidRHydrobromic Acid 48%NCopper Plating-CyanideRHydrochloric Acid ≤ 37%RCopper Plating-AcidRHydrofluoric Acid 10%RCom OilRHydrofluoric Acid ≥ 20%N	Chromic Acid 10%			
Citric AcidRHydrobromic Acid 48%NCopper Plating-CyanideRHydrochloric Acid ≤ 37%RCopper Plating-AcidRHydrofluoric Acid 10%RCom OilRHydrofluoric Acid ≥ 20%N	Chrome Plating 20 - 48 oz / gal			
Copper Plating-CyanideRHydrochloric Acid \leq 37%RCopper Plating-AcidRHydrofluoric Acid 10%RCom OilRHydrofluoric Acid \geq 20%N	Chromic Chloride			
Copper Plating-Acid R Hydrofluoric Acid 10% R Com Oil R Hydrofluoric Acid $\geq 20\%$ N	Citric Acid			
Com Oil R Hydrofluoric Acid ≥ 20% N	Copper Plating-Cyanide			
·	Copper Plating-Acid	R		R
Cottonseed Oil R Hydrofluosilic Acid ≤ 38% R	Com Oil			
	Cottonseed Oil	R	Hydrofluosilic Acid ≤ 38%	R

CHEMICAL COMPOUND	RESISTANCE	CHEMICAL COMPOUND	RESISTANCE
Hydrogen Peroxide 30%	R	Phosphoric Acid 20%	R
Hydrogen Sulfide Gas	R	Phosphoric Acid 85%	N
Hydrogen Sulfide Wet	R	Phosphorous Oxychloride	R
Hypo (Photographic Solution)	R	Phosphorous Trichloride	R
Hypochlorous Acid	N	Picric Acid 10% in Alcohol	Т
lodine, Crystals & Vapor	Т	Polyacrylic Acid 50%	Т
Isooctylthioglycolate	Т	Potassium Acetate	R
Isophorone	R	Potassium Bichromate	R
Isopropyl Acetate	R	Potassium Bromide	R
Isopropyl Alcohol	R	Potassium Carbonate 25%	R
Isopropyl Ether Jet Fuel JP-4	R R	Potassium Chlorate Potassium Chloride	R
Kerosene	R	Potassium Cyanide	R R
Ketchup	R	Potassium Fluoride	R R
Lactic Acid 20%	R	Potassium Hydroxide 10 -50%	R
Lactic Acid concentrated	N	Potassium Nitrate	R
Lard	R	Potassium Permanganate	R
Lauric Acid	T	Potassium Persulfate	R
Lead Acetate	R	Potassium Sulfate	R
Lecithin	R	Propanedoil	R
Levulinic Acid (Saturated)	R	Propionic Acid 100%	N
Linseed Oil	R	Propylene Glycol	R
Lithium Hydroxide 10%	R	Pyridine	N
Maleic Acid	N	Rayon Spin Liquor	R
Malic Acid	R	Salicylaldehyde	R
Mercury and Salts	R	Salicylic Acid	R
Methanol 100%	R	Salt Brine	R
Methyl Acetate	R	Silicon Tetrachloride	т
Methylamyl Alcohol	R	Skydrol	т
Methylene Chloride	N	Sodium Acetate	R
Methyl Chloride	N	Sodium Bicarbonate	R
Methyl-Ethyl Ketone	R	Sodium Bisulfate	R
Methyl Oleate	R	Sodium Bisulfite	R
Methyl Isobutyl Ketone	R	Sodium Bromate	R
Methyl Tertiary Butyl Ether (MTBE)	N	Sodium Carbonate (Saturated)	R
Milk-Fresh & Sour	R R	Sodium Chloride	R T
Molasses Muriatic Acid		Sodium Chlorite (Saturated) Sodium Chromate	R
Naphtha-Aliphatic	See Hydrochloric Acid R	Sodium Chlorate	R R
Naphtha, Aromatic (Coal Tar)	R	Sodium Cyanide 15%	R
Naphthalene (In Benzene)	R	Sodium Dichromate	R
Naphthenic Acid	R	Sodium Fluoride	R
Nickel Plating, Bright	R	Sodium Hydrofluoride 45%	R
Nitric Acid 5%	R	Sodium Hydroxide 10 – 50%	R
Nitric Acid ≥10%	N	Sodium Hypochlorite 3%	R
Nitrilotriethanol	R	Sodium Hypochlorite ≥ 17%	N
Nitrobenzene	т	Sodium Lauryl Sulfate 20%	R
Nitromethane	T	Sodium Oxalate	R
Octanoic Acid	See Caprylic Acid	Sodium Peroxide-Peroxide Bleach	R
Octanol	T	Sodium (Acid) Phosphate	R
Oil-Fuel	R	Sodium Phosphate (Tri)	R
Oil-Sour Crude Petroleum	R	Sodium Polymethacrylate	R
Oils-Animal	R	Sodium Sulfate	R
Oils-Mineral	R	Sodium Sulfide (Saturated)	R
Oils-Vegetable	R	Sodium Sulfite	R -
Oleic Acid	N	Sodium Tartrate	R
Oleum (Sulfuric Acid-Fuming)	N	Sodium Thiosulfale (Hypo)	R
Oxalic Acid (Saturated) PCR (Polychlorinated Riphenyl)	R R	Starch Stearic Acid	R
PCB (Polychlorinated Biphenyl) Para Xylene	R R	Styrene	R R
Pelargonic Acid	R R	Sugar	R R
Pentachlorethane	N N	Sulfamic Acid 25%	T T
Perchloric Acid 30%	T	Sulfite Liquor (Paper)	R
Perchloroethylene	R	Sulfur Dioxide (Wet)	R
Petroleum, Sour Crude	See Oils	Sulfur Trioxide (Wet)	R
Phenol	N	Sulfuric Acid 10%	R
Phenol Sulfonic Acid 65%	N	Sulfuric Acid 25%	R

CHEMICAL COMPOUND	RESISTANCE	
Sulfuric Acid 50%	R	
Sulfuric Acid ≥ 70%	N	
Tall Oil	R	
Tannic Acid	R	
Tartaric Acid	R	
Tetrachloroethane	Т	
Tetrachloroethylene	See Perchloroethylene	
Tetrahydrofuran	N	
Tetrahydrofurfuryl Alcohol	R	
Thionyl Chloride	N	
Tin Plating (Fluoborale)	See Fluoboric Acid	
Tin Plating (Stannate)	See Sodium Hydroxide	
Toluol (Toluene)	R	
Toluene Sulfonic Acid	R	
Toluidine	т	
Triethylamine	Т	
Triethylenetetramine	т	
Triethyl Phosphite	R	
Trichloroacetic Acid 20%	N	
Trichlorobenzene (1,2.4-)	R	
Trichloroethane	R	
Trichloroethylene	R	
Tricresyl Phosphate 100%	R	
Trisodium Phosphate (Saturated)	R	
Turpentine	R	
Urea Solutions	R	
Vinegar	R	
Vinyl Chloride	N	
White Liquor, Paper	R	
Wine	R	
Xylol (Xylene)	R	
Zinc Plating-Acid Fluoborate	See Fluoboric Acid	
Zinc Plating-Cyanide	See Sodium Hydroxide	
Zinc Plating-Acid Sulfate	R	



This chemical resistance guide is designed to assist those responsible for proper material selection. This table provides information on the resistance of epoxy grouts to a wide variety of corrosive elements as. These are general guidelines and do not constitute direct or implied warranties. Because of the complexity of installations in corrosive service, it is recommended that Sika be consulted particular epoxy grout.

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Sika Corporation

201 Polito Avenue Lyndhurst, NJ 07071 USA Customer Service (800) 433-9517 Technical Service (800) 243-6739 usa.sika.com

