CORNERSTONE®
FLOORING

seamless durability

CHEMICAL RESISTANCE GUIDE

ABOUT THIS CHEMICAL GUIDE

This guide is intended to be used as a guide in selecting the proper Corner*Stone* coating for a particular chemical environment. Many factors must be considered when choosing the correct product for an application including:

Chemical or combination of:

- Type of Substrate and its Condition
- Operating Temperature
- Temperature Fluctuations
- Mechanical Abuse
- Degree of Protection required

Corner*Stone* recommends testing the product in the actual conditions that the product will be exposed to.

QUICK REFERENCE BY CHEMICAL FAMILY

CHEMICAL GROUP	CS 2025	CS 2025 ESD	CS 2160	CS 2300	CS 2600	CS 5000
Acids, (inorganic), Dilute	R	R	R	R	R	R
Acids, (inorganic), Strong	N	N	N	N	N	C
Acids, (organic), Strong	C	C	C	C	N	C
Acids, (organic), Dilute	R	R	R	R	R	R
Alcohols	R	R	R	R	R	R
Aldehyde	C	C	N	C	C	C
Alkalis, Dilute	R	R	R	R	R	R
Alkalis, Strong	R	R	R	C	C	R
Esters	N	N	N	C	C	C
Fluoride Salts	N	N	N	N	N	N
Food Stuffs	R	R	R	R	R	R
Halogen, Solutions	C	C	N	C	C	C
Ketones	R	R	C	C	C	C
Petroleum Products	R	R	R	R	R	R
Salts	R	R	R	R	R	R
Solvents, Aliphatic	R	R	R	R	R	R
Solvents, Aromatic	C	C	C	R	N	C
Solvents, Halogonated	N	N	N	C	C	C

LEGEND

R = Recommended for splash and spill conditions.

N = Not recommended for this application. Choose alternative Corner*Stone* product.

C = Product is suitable for occasional and intermittent contact.

NS = Non silica.

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SUBSTANCE	CS 2025	CS 2025 ESD	CS 2160	CS 2300	CS 2600	CS 5000
Acetaldehyde	N	N	N	N	C	R
Acetic Acid 10%	R	R	R	R	R	R
Acetic Acid 25%	C	C	C	C	C	C
Acetic Acid 50%	N	N	N	N	N	C
Acetic Acid Glacial	N	N	N	N	N	N
Acetic Anhydride	N	N	N	N	N	N
Acetone	N	N	N	C	C	N
Acrylic Acid	N	N	N	N	N	N
Acrylonitrile	N	N	N	N	N	N
Adipic Acid	C	C	C	R	C	R
Allyl Alcohol	N	N	N	N	N	C
Allyl Chloride	N	N	N	N	N	R
Aluminum Chloride	R	R	R	R	R	R
Aluminum Fluoride	N	N	N	N	N	N
Aluminum Hydroxide	R	R	R	R	R	R
Aluminum Nitrate	R	R	R	R	R	R
Aluminum Sulfate	R	R	R	R	R	R
Ammonia Gas	N	N	N	R	C	R
Ammonium Bisulfite	R	R	R	R	R	R
Ammonium Chloride	C	C	C	R	R	R
Ammonium Flouride	N	N	N	N	N	N
Ammonium Hydroxide	R	R	R	R	R	R
Ammonium Lauryl	R	R	R	R	R	R
Ammonium Nitrate	R	R	R	R	R	R
Ammonium Persulfate	R	R	R	R	R	R
Ammonium Sulfate	R	R	R	R	R	R
Ammonium Sulfide	R	R	R	R	R	R
Ammonium Sulfite	R	R	R	R	R	R
Amyl Alcohol	R	R	R	R	C	R
Aniline	N	N	N	N	N	C
Aniline Hydrochloride	N	N	N	N	N	C
Antimony Trichloride	C	C	C	R	R	R
Arsenic Acid	C	C	C	R	C	C
Barium Chloride	R	R	R	R	R	R
Barium Hydroxide	R	R	R	R	R	R
Barium Sulfate	R	R	R	R	R	R
Barium Sulfide	R	R	R	R	R	R
Beer	R	R	R	R	R	R

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Benzaldehyde	N	N	N	N	C	C
Benzene	N	N	N	C	C	R
Benzoic Acid	R	R	R	R	R	R
Benzyl Alcohol	C	C	C	R	C	R
Benzyl Chloride	N	N	N	N	N	R
Bleach	C	C	C	C	R	R
Brine	R	R	R	R	R	R
Bromine Gas	N	N	N	N	N	R
Bromine liquid	N	N	N	N	N	N
Butanol	C	C	C	C	C	R
Butyl Acetate	C	C	C	R	C	R
Butyl Acrylate	N	N	N	N	N	C
Butyl Cellosolve	C	C	C	C	C	C
Butyric Acid	C	C	C	C	N	C
Cadmium Chloride	R	R	R	C	R	R
Calcium Bisulfite	R	R	R	R	R	R
Calcium Chloride	R	R	R	R	R	R
Calcium Hydroxide	R	R	R	C	R	R
Calcium Hydrochlorite	C	C	C	R	C	C
Calcium Nitrate	R	R	R	R	R	R
Calcium Sulfate	R	R	R	R	R	R
Calcium Sulfite	R	R	R	R	R	R
Caprylic Acid	C	C	C	C	C	C
Carbon Disulfide	N	N	N	N	N	N
Carbon Tetrachloride	C	C	C	R	R	R
Castor Oil	R	R	R	R	R	R
Chlorine Dioxide	N	N	N	N	N	C
Chlorine Gas	N	N	N	N	N	R
Chloride Water (satud)	C	C	C	C	C	R
Chloroacetic Acid	N	N	N	N	N	N
Chlorobenzene	N	N	N	C	N	N
Chloroform	C	C	C	R	N	C
Chromic Acid 10%	C	C	C	C	C	C
Chromic Acid 30%	N	N	N	N	N	N
Cirtic Acid	C	C	C	R	C	R

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Copper Chloride	R	R	R	R	R	R
Copper Cyanide	R	R	R	R	R	R
Copper Nitrate	R	R	R	R	R	R
Copper Sulfate	R	R	R	R	R	R
Corn Oil	R	R	R	R	R	R
Cottonseed Oil	R	R	R	R	R	R
Cresylic Acid	N	N	N	C	N	C
Cumene	N	N	N	N	C	C
Cyclohexane	N	N	N	C	N	R
Decanol	C	C	C	R	C	R
Dibutyl Phthalate	C	C	C	R	R	R
Dichlorobenzene	N	N	N	C	N	C
Diesel Fuel	R	R	R	R	R	R
Diethylbenzene	N	N	N	N	N	C
Diethyl Ketone	C	C	C	R	N	C
Dimethyl Formamide	N	N	N	C	N	C
Divinylbenzene	N	N	N	N	N	C
Epichlorohydrin	N	N	N	N	N	C
Ethyl Acetate	C	C	C	C	C	R
Etlyl Acrylate	N	N	N	N	N	C
Ethyl Alcohol	R	R	R	R	R	R
Ethyl Bromide	N	N	N	N	N	C
Ethyl Chloride	N	N	N	N	N	C
Ethyl Chloroformate	N	N	N	N	N	C
Ethylene Dichloride	N	N	N	N	N	C
Ethylene Glycol	R	R	R	R	R	R
Ethylene Oxide	C	C	C	N	N	C
Ethyl Ether	C	C	C	N	N	C
Ethyl Sulfate	C	C	C	N	N	C
Ethyl Benzene	C	C	C	C	C	C
Ferric Chloride	C	C	C	R	R	R
Ferric Nitrate	C	C	C	R	R	R
Ferrous Sulfate	C	C	C	R	C	R
Fluosilcic Acid 15%	N	N	N	N	N	N
Fluoboric Acid	N	N	N	N	N	N
Fluosilcic Acid 10%	C	C	C	N	N	C

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Formaldehyde	R	R	R	R	N	R
Formic Acid 10%	R	R	R	C	C	R
Formic Acid 98%	N	N	N	N	N	N
Furfuryl Alcohol	N	N	N	C	C	R
Gasoline, Leaded	R	R	R	R	R	R
Glucose	R	R	R	R	R	R
Glycerine	R	R	R	R	R	R
Heptane	N	N	N	R	C	C
Hexane	N	N	N	C	N	C
HCl 10%	R	R	R	R	R	R
HCl 20%	R	R	R	C	C	C
HCl 37%	C	C	C	S	NS	NS
Hydrofluoric Acid 10%	C	C	C	N	N	C
Hydrofluoric Acid 48%	N	N	N	N	N	N
Hydrazine 15%	N	N	N	N	N	N
Hydroiodic Acid 40%	R	R	R	C	C	R
Hydrobromic Acid 30%	C	C	C	C	C	C
Hydrobromic Acid 48%	N	N	N	N	N	C
Hydrogen Peroxide	R	R	R	R	R	R
Hydrogen Sulfide, Gas	R	R	R	C	R	R
Iodine crystals	RS	RS	RS	RS	RS	R
Isopropyl Alcohol	R	R	R	R	R	R
Jet Fuel	R	R	R	R	R	R
Kerosene	R	R	R	R	R	R
Lactic Acid	C	C	C	S	C	R
Lead Acetate	R	R	R	R	R	R
Levulinic Acid	R	R	R	R	R	R

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Linseed Oil	R	R	R	R	R	R
Liquor, Black	R	R	R	R	R	R
Liquor, Green	R	R	R	R	C	R
Liquor, White	R	R	R	R	C	R
Lithium Bromide	R	R	R	R	R	C
Lithium Chloride	R	R	R	R	R	C
Lithium Hydroxide	R	R	R	R	R	C
Magnesium Sulfate	R	R	R	R	R	R
Maleic Acid	R	R	R	R	R	R
Mercuric Chloride	R	R	R	R	R	R
Mercurous Chloride	R	R	R	R	R	R
Mercury	R	R	R	R	R	R
Methanol 5%	R	R	R	R	R	R
Methylene Chloride	N	N	N	N	N	N
Methyl Ethyl Ketone	N	N	N	C	N	C
Milk	R	R	R	R	R	R
Mineral Spirits	R	R	R	R	R	R
Monochloroacetic Acid	N	N	N	C	N	C
Muriatic Acid	C	C	C	R	C	R
Naphtha	C	C	C	R	R	R
Naphthalene	C	C	C	R	C	R
Nitric Acid 5%	R	R	R	C	R	R
Nitric Acid 10%	C	C	C	C	C	R
Nitric Acid 30%	N	N	N	N	C	C
Nitric Acid 40%	N	N	N	N	N	C
Nitrobenzene	N	N	N	N	N	C
Oleic Acid	R	R	R	R	R	R
Oleum	N	N	N	N	N	C

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Olive Oils	R	R	R	R	R	R
Oxalic Acid	R	R	R	R	R	R
Perchloric Acid 10%	C	C	C	C	C	C
Perchloroethylene	N	N	N	C	C	R
Phenol 5%	C	C	C	R	C	R
Phenol 85%	N	N	N	CS	CS	CS
Phosphoric Acid 85%	C	C	C	N	C	C
Phosphoric Acid 100%	N	N	N	N	N	C
Phosphorous Acid	C	C	C	C	C	C
Phthalic Acid	R	R	R	R	R	R
Picric Acid 10%	R	R	R	C	R	R
Phtaleic Acid	R	R	R	R	C	R
Potassium Bicarbonate	R	R	R	R	R	R
Potassium Carbonate	R	R	R	R	R	R
Potassium Chloride	R	R	R	R	R	R
Potassium Dichromate	C	C	C	C	N	R
Potassium Hydroxide 10%	R	R	R	R	R	R
Potassium Hydroxide 45%	R	R	R	C	C	R
Potassium Nitrate	R	R	R	R	R	R
Potassium Permanganate	R	R	R	R	R	R
Potassium Persulfate	R	R	R	R	R	R
Potassium Sulfate	R	R	R	R	R	R
Proprionic Acid 5%	R	R	R	R	R	R
Proprionic Acid 100%	N	N	N	S	C	C
Propylene Glycol	R	R	R	R	R	R
Pyridine	N	N	N	C	N	C
Salicylic Acid	R	R	R	R	R	R
Salt Brine	R	R	R	R	R	R
Sea Water	R	R	R	R	R	R
Selenious Acid	N	N	N	C	C	R
Silver Nitrate	R	R	R	R	R	R
Skydrol	R	R	R	R	R	R
Sodium Acetate	R	R	R	R	R	R
Sodium Bisulfate	R	R	R	R	R	R

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Sodium Carbonate	R	R	R	R	R	R
Sodium Chlorate	R	R	R	R	R	R
Sodium Chloride	R	R	R	R	R	R
Sodium Chlorite	R	R	R	R	R	R
Sodium Cyanide	C	C	C	C	R	R
Sodium Dichromate	C	C	C	C	N	R
Sodium Fluoride	N	N	N	N	N	N
Sodium Hydrosulfite	C	C	C	R	N	R
Sodium Hydroxide 10%	R	R	R	R	R	R
Sodium Hydroxide 25%	R	R	R	R	R	R
Sodium Hydroxide 50%	R	R	R	C	C	R
Sodium Hypochlorite 5%	R	R	R	C	R	R
Sodium Hypochlorite 10%	C	C	C	C	R	R
Sodium Hypochlorite 18%	C	C	C	C	C	R
Sodium Lauryl Sulfate	R	R	R	R	R	R
Sodium Oxalate	R	R	R	R	R	R
Sodium Phosphate	R	R	R	R	R	R
Sodium Phosphate (Tri)	R	R	R	R	R	R
Sodium Sulfate	R	R	R	R	R	R
Sodium Sulfide	R	R	R	R	R	R
Sodium Sulfite	R	R	R	R	R	R
Sodium Tartrate	R	R	R	R	R	R
Sodium Thiosulfate	R	R	R	R	R	R
Sorbitol Solutions	R	R	R	R	R	R
Soybean Oil	R	R	R	R	R	R
Stannous Chloride	C	C	C	R	R	R
Stearic Acid	R	R	R	R	R	R
Styrene	N	N	N	N	N	N
Sugar/Sucrose	R	R	R	R	R	R
Sulfite Liquor (Pulp)	R	R	R	R	R	R
Sulfur Dioxide	C	C	C	R	S	R
Sulfuric Acid 10%	RS	RS	RS	RS	CS	RS
Sulfuric Acid 25%	RS	RS	RS	RS	CS	RS
Sulfuric Acid 50%	RS	RS	RS	RS	CS	RS
Sulfuric Acid 75%	RS	RS	RS	RS	CS	RS
Sulfuric Acid 98%	N	N	N	N	N	CS

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Sulfurous Acid 30%	N	N	N	CS	N	CS
Sulfur Trioxide(Dry)	R	R	R	C	R	C
Sulfur Dioxide (Wet)	C	C	C	S	R	C
Tall Oil	C	C	C	R	R	R
Tannic Acid	C	C	C	R	R	R
Tartaric Acid	R	R	R	R	R	R
Tetrachloroethylene	N	N	N	N	N	C
Tobias Acid	R	R	R	R	R	R
Toluene	C	C	C	R	C	R
Trichloracetic Acid	N	N	N	N	N	N
Trichloroethylene	C	C	C	R	C	C
Turpentine	R	R	R	R	R	R
Urea	C	C	C	R	R	R
Water, Distilled	R	R	R	R	R	R
Wine	R	R	R	R	R	R
Xylene	C	C	C	C	C	R
Zinc Chloride	R	R	R	R	R	R
Zinc Sulfate	R	R	R	R	R	R

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