

Spec Cote Line Chemical Resistant Chart

Rating Meaning

- A** Not Recommended for exposure to this chemical
- B** Short term exposure splash spill (recommended for exposure times not to exceed 2 hours)
- C** Long term exposure splash spill (recommended for exposure not to exceed a normal 8-10 hour work shift without cleanup)
- D** Short term immersion (recommended for exposure not to exceed 72 hours)
- E** Long term immersion (recommended for continuous exposure to chemical. Life expectancy is variable. Long term exposures such as a tank linings and trenches fall under this rating.)
- T** This rating is used to depict chemicals that do not have any service data; but based on technical knowledge are suitable for exposure to this chemical

	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
ACETALDEHYDE	B	C	C	D	C	GASOLINE JET FUEL	A	B	B	D	C
ACETIC ACID 5%	B	C	B	D	B	GASOLINE UNLEADED	B	C	C	E	D
ACETIC ACID 10%	A	B	A	B	B	GLUCOSE	D	E	E	E	D
ACETIC ACID 25%	A	A	A	B	A	GLYCERINE	TC	TC	TD	TE	TD
ACETIC ACID GLACIAL	A	A	A	A	A	GLYCOLIC ACID 70%	A	A	A	TB	A
ACETIC ANHYDRIDE	A	B	B	D	C	GREEN LIQUOR (PAPER)	B	C	C	E	C
ACETONE 10%	B	C	B	C	B	HEPTANE	C	D	D	E	D
ACETONE 100%	A	B	B	C	B	HEXANE	C	D	D	E	D

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	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
ACETYL CHLORIDE	A	A	A	TC	TB	HYDRAULIC FLUID	B	C	C	E	C
ACETONITRILE	B	B	B	D	C	HYDRAZINE 35%	A	TB	TB	TC	TB
ACRYLIC ACID	A	TB	TB	TD	TB	HYDRIODIC ACID 20%	A	C	B	D	C
ACRYLONITRILE	A	TB	TB	TB	A	HYDROBROMIC ACID 18%	A	A	A	C	A
ADIPIC ACID 25%	B	B	B	C	B	HYDROBROMIC ACID 40%	A	A	A	TB	A
ALLYL ALCOHOL	TB	TC	TC	TD	TC	HYDROBROMIC ACID 60%	A	A	A	TB	A
ALLYL CHLORIDE	A	TB	TB	TC	TB	HYDROCHLORIC ACID 10%	B	C	C	D	C
ALUMINUM BROMIDE	C	D	D	D	D	HYDROCHLORIC ACID 36%	B	C	B	D	B
ALUMINUM CHLORIDE	TC	TC	TC	TD	TD	HYDROFLUORIC ACID	A	A	A	A	A
ALUMINUM FLUORIDE	TC	TC	TC	TD	TB	HYDROGEN PEROXIDE 10%	A	B	B	C	C
ALUMINUM HYDROXIDE	C	C	C	D	C	HYDROGEN PEROXIDE 50%	A	A	A	A	A
ALUMINUM NITRATE	C	D	D	E	C	HYDROGEN SULFIDE 5%	B	C	C	D	D
ALUMINUM SULFATE	B	C	C	D	C	HYDROGEN SULFIDE 100%	A	TC	TC	TD	TB

	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
AMMONIA	C	D	D	E	D	HYPOCHLOROUS ACID	A	A	A	A	A
AMMONIUM CHLORIDE	TB	TC	TC	TD	TC	IODINE CRYSTALS/VAPOR	TB	TC	TC	TD	TC
AMMONIUM FLUORIDE	TB	TB	TB	TC	TB	ISOPHORONE	B	C	C	E	C
AMMONIUM HYDROXIDE	TB	TC	TC	TD	TC	ISOPROPYL ACETATE	B	C	C	E	C
AMMONIUM NITRATE	C	D	D	E	D	ISOPROPYL ALCOHOL	B	C	C	E	C
AMMONIUM OXALATE	C	C	C	D	C	JET FUEL (JP-4)	A	B	B	D	C
AMMONIUM NITRATE	TC	TD	TD	TE	TD	KEROSENE	B	C	C	D	C
AMMONIUM PERSULFATE	B	C	C	D	C	LACTIC ACID 10-20%	B	C	C	D	D
AMMONIUM PHOSPHATE	B	C	C	D	C	LACTIC ACID 50%	A	A	A	C	A
AMMONIUM SULFATE	C	D	D	D	C	LACTIC ACID 85%	A	A	A	A	A
AMMONIUM SULFIDE	C	D	D	E	C	LAURIC ACID	A	TB	TB	TD	TB
AMMONIUM SULFITE	C	D	D	E	C	LEAD ACETATE	TC	TD	TC	TE	TD
AMYL ACETATE	TB	TC	TC	TD	TB	LEVULINIC ACID	TB	TC	TC	TD	TC
AMYL ALCOHOL	B	C	C	D	C	LINSEED OIL	B	B	B	D	C
ANILINE	A	B	B	C	B	LITHIUM BROMIDE	TB	TC	TC	TD	TB

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	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
ANILINE HYDROCHLORIDE	A	B	B	C	B	LITHIUM CHLORIDE SAT'D	A	B	B	D	B
ANTIMONY CHLORIDE	A	TB	TB	TC	TB	LITHIUM HYDROXIDE	A	A	A	TC	TB
AQUA REGIA	A	A	A	A	A	MAGNESIUM BISULFITE	B	B	B	D	C
ARSENOUS ACID	A	TB	TB	TC	TB	MAGNESIUM CARBONATE	B	C	C	D	C
BARIUM ACETATE	B	C	C	D	C	MAGNESIUM CHLORIDE	TB	TB	TB	TC	TB
BARIUM BROMIDE	B	C	C	D	B	MAGNESIUM HYDROXIDE	B	B	B	C	B
BARIUM CARBONATE	B	C	C	D	B	MAGNESIUM NITRATE	TB	TB	TB	TD	TC
BARIUM CHLORIDE	B	C	B	D	D	MAGNESIUM SULFATE	TB	TB	TB	TD	TB
BARIUM HYDROXIDE	TB	TC	TC	TD	TC	MALEIC ACID	A	A	A	C	B
BARIUM SULFATE	B	C	C	D	C	MANGANESE CHLORIDE	TB	TB	TB	TD	TB
BARIUM SULFIDE	A	C	C	C	B	MANGANESE SULFATE	TB	TB	TB	TD	TB
BENZYL CHLORIDE	A	TB	TB	TC	TB	MERCURIC CHLORIDE	TB	TC	TB	TE	TC
BENZOIC ACID	B	C	C	C	B	MERCUROUS CHLORIDE	TB	TC	TC	TE	TC
BENZALDEHYDE	A	TB	TB	TC	TB	METHANOL	A	A	A	C	B
BENZENE	TB	TC	TC	TC	TB	METHYL ACETATE	A	A	A	C	B
BENZYL ALCOHOL	C	D	B	E	C	METHYLAMYL ALCOHOL	TB	TC	TC	TD	TC

	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
BLACK LIQUOR (PAPER)	TB	TC	TC	TD	TC	METHYL BENZOATE	A	B	B	D	B
BLOOD SUGAR	TB	TC	TC	TD	TC	METHYL CHLORIDE	A	A	A	B	A
BORAX	B	C	C	D	C	METHYLENE CHLORIDE	A	A	A	A	A
BORIC ACID	A	C	C	C	B	METHYL ETHYL KETONE	A	A	A	C	A
BRINE	D	D	D	E	D	METHYL ISOBUTYL KETONE	A	B	B	D	B
BROMINE LIQUID	A	A	A	A	A	MILK	C	D	D	E	D
BUTANOL	C	D	C	E	D	MOLASSES	C	D	D	E	D
BUTYL ACETATE	B	C	C	D	C	MINERAL OILS	TB	TC	TC	TE	TD
BUTYL ACRYLATE	A	TB	TB	TC	TB	MINERAL SPIRITS	B	B	C	D	C
BUTYL AMINE	A	TB	TB	TC	TB	MOTOR OIL	C	C	C	D	C
BUTYL CARBITOL	TB	TC	TC	TD	TC	M-PYROL	A	A	A	A	A
BUTYL CELLOSOLVE	B	C	C	C	B	NAPHTHA ALIPHATIC	B	B	B	E	C
BUTYL ETHER	B	C	C	D	B	NAPHTHA AROMATIC	A	B	B	D	C
BUTYRIC ACID	A	A	A	B	B	NICKEL CHLORIDE	A	A	A	TC	TB
CALCIUM BISULFITE	C	D	D	E	D	NICKEL NITRATE	B	B	B	D	C
CALCIUM BROMIDE	TB	TC	TC	TD	TC	NICKEL SULFATE	TB	TB	TB	TD	TB

	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
CALCIUM CARBONATE	B	C	C	D	C	NITRIC ACID 5%	B	C	B	E	C
CALCIUM CHLORATE	B	C	C	D	C	NITRIC ACID 30%	A	B	B	C	B
CALCIUM CHLORIDE	C	D	D	E	D	NITRIC ACID 60%	A	A	A	A	A
CALCIUM HYDROXIDE	B	D	D	E	C	NITROBENZENE	A	A	A	TC	TB
CALCIUM HYPOCHLORITE	A	TB	TB	TC	TC	OIL SOUR CRUDE	B	C	C	E	C
CALCIUM NITRATE	C	D	D	E	D	OIL SWEET CRUDE	TB	TC	TC	TE	TC
CALCIUM SULFATE	B	C	C	C	C	OLEIC ACID	A	A	A	D	B
CALCIUM SULFITE	B	C	C	C	C	OLEUM	A	A	A	B	A
CALCIUM DISULFIDE	A	B	B	B	B	OXALIC ACID	A	A	A	D	B
CARBON TETRACHLORIDE	B	C	B	D	C	PERCHLORIC ACID	A	A	A	C	A
CASTOR OIL	B	C	C	D	D	PERCHLOROETHYLENE	A	B	B	D	B
CELLOSOLVE	TB	TC	TC	TD	TC	PHENOL 5%	A	A	A	C	B
CELLOSOLVE ACETATE	B	C	C	C	TC	PHENOL 85%	A	A	A	A	A
CHLOROACETIC ACID 25%	A	B	A	C	C	PHOSPHORIC ACID 40%	B	C	B	D	C
CHLOROACETIC ACID 50%	A	A	A	A	A	PHOSPHORIC ACID 85%	A	A	A	B	B
CHLOROBENZENE	B	C	C	D	A	PICRIC ACID 10%	A	TB	TB	TD	TB

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	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
CHLOROFORM	A	TB	TB	TC	B	POTASSIUM ACETATE	B	C	C	E	C
CHLOROPHENOL	A	A	A	A	A	POTASSIUM BROMIDE	B	C	C	E	D
CHLOROSULFONIC ACID	A	A	A	A	A	POTASSIUM CARBONATE	B	D	D	E	D
CHLOROTOLUENE	A	TB	TB	TC	A	POTASSIUM CHLORIDE	B	C	C	D	C
CHROMIC ACID 10%	A	A	A	B	TB	POTASSIUM HYDROXIDE 10%	B	C	C	E	D
CHROMIC ACID 40%	A	A	A	B	B	POTASSIUM HYDROXIDE 50%	A	B	B	D	C
CHROMIC CHLORIDE	A	A	A	B	A	POTASSIUM IODIDE	TB	TB	TB	TD	TB
CITRIC ACID	B	C	C	E	A	POTASSIUM NITRATE	B	C	C	E	D
COPPER ACETATE	B	C	C	E	D	POTASSIUM PERMANGANATE	A	TB	TB	TD	TB
COPPER CHLORIDE	B	B	B	D	D	POTASSIUM PERSULFATE	A	B	B	D	B
COPPER CYANIDE	TB	TC	TC	TD	C	POTASSIUM SULFATE	B	C	C	E	C
COPPER NITRATE	TB	TC	TC	TD	TC	PROPIONIC ACID	A	A	A	C	A
COPPER SULFATE	B	C	C	D	TC	PROPYLENE GLYCOL	C	D	D	E	D
CORN OIL	B	C	C	D	B	PYRIDINE	A	A	A	A	A
CORN STARCH SLURRY	D	E	E	E	C	SALICYLIC ACID	TB	TB	TB	TD	TB

	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
CORN SUGAR	C	D	D	E	E	SALT BRINE	C	D	D	E	D
COTTONSEED OIL	B	C	C	D	D	SILVER NITRATE	A	A	A	TD	TB
CREOSOTE	B	C	C	D	C	SKYDROL	B	C	B	C	C
CRESYLIC ACID	A	TB	TB	TC	C	SODIUM ACETATE	C	D	D	E	D
CUMENE	B	C	C	D	TB	SODIUM BENZOATE	C	D	D	E	D
CUTTING OIL	C	C	C	D	B	SODIUM BICARBONATE	C	D	D	E	D
CYCLOHEXANE	B	C	C	E	C	SODIUM BISULFITE	TC	TD	TD	TE	TD
CYCLOHEXANONE	C	C	C	D	C	SODIUM BISULFATE	B	C	C	E	D
CYMENE	TB	TC	TC	TD	C	SODIUM CARBONATE	B	C	C	E	D
DETERGENTS ORGANIC	TC	TE	TE	TD	TC	SODIUM CHLORATE 50%	A	TB	TB	TD	TC
DETERGENTS SULFONATED	TC	TE	TE	TD	TC	SODIUM CHLORIDE	B	B	B	E	C
DEXTROSE	D	E	E	E	TC	SODIUM CHLORITE	A	A	A	D	C
DIBUTYL PHTHALATE	C	D	D	E	E	SODIUM CHROMATE	A	B	B	D	B
DICHLORACETIC ACID	A	TC	TB	TB	D	SODIUM DICHROMATE	B	B	B	D	B
DICHLOROBENZENE	B	C	C	D	TB	SODIUM FERROCYANIDE	TB	TB	TB	TD	TC
DICHLOROETHANE	A	A	A	C	C	SODIUM FLUORIDE	A	A	A	TB	A
DIESEL FUEL	B	C	C	D	B	SODIUM HYDROXIDE10%	C	D	E	E	E

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	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
DIETHANOLAMINE	TB	TB	TB	TD	C	SODIUM HYDROXIDE 50%	B	C	E	E	D
DIETHYL BENZENE	TB	TC	TC	TD	TC	SODIUM HYPOCHLORITE 3%	A	A	A	D	B
DIETHYL KETONE	A	TB	TB	TD	TB	SODIUM HYPOCHLORITE 5-15%	A	A	A	A	A
DIETHYLENE GLYCOL	B	C	C	E	C	SODIUM OXALATE	B	D	D	E	D
DIETHYLETHER	A	B	B	D	C	SODIUM PEROXIDE	B	C	C	E	C
DIMETHYL ANILINE	A	TB	TB	TC	TB	SODIUM PHOSPHATE 10%	B	C	C	E	C
DINITRO BENZENE	A	TB	TB	TC	TB	SODIUM SULFIDE	B	C	C	E	D
DIMETHYL FORMAMIDE	A	A	A	A	A	SODIUM SILICATE	TB	TC	TC	TD	TC
DIMETHYL SULFOXIDE	A	A	A	B	A	SODIUM SULFATE	B	C	C	E	D
DINITRO TOLUENE	A	TB	TB	TC	TB	SODIUM SULFITE	B	C	C	E	D
EPOCHLOROHYDRIN	B	E	B	C	B	SODIUM TARTRATE	B	C	C	E	D
ETHANOL	B	B	C	C	C	SODIUM THIOSULFATE	B	C	C	E	C
ETHANOLAMINE	A	B	B	D	C	STEARIC ACID	A	B	B	D	B
ETHYL ACETATE	A	A	A	C	B	STYRENE	A	B	B	D	B
ETHYL ACRYLATE	A	A	A	C	B	SULFAMIC ACID 25%	A	A	A	TC	TB

	Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane		Spec Cote WB	Spec Cote 100	Spec Cote 100(Clear)	Spec Cote 100 CR	Spec Cote Urethane
ETHYLAMINE	A	A	A	TC	TB	SULFURIC ACID 10%	B	C	C	E	D
ETHYL BENZENE	A	TB	TB	TD	TB	SULFURIC ACID 30%	A	B	B	D	C
ETHYL BROMIDE	A	A	A	B	A	SULFURIC ACID 98%	A	A	A	C	A
ETHYL CHLORIDE	A	A	A	B	A	TALL OIL	B	C	C	E	C
ETHYL DICHLORIDE	A	A	A	TB	A	TARTARIC ACID	TB	TB	TB	TD	TB
ETHYLENE GLYCOL	C	D	D	E	D	TETROCHLOROETHANE	A	B	A	D	B
ETHYL SULFATE	A	TB	TB	TD	TB	TETRAHYDROFURAN	A	A	A	A	A
FATTY ACIDS	TB	TB	TB	TD	TB	THIONYL CHLORIDE	A	A	A	A	A
FERRIC CHLORIDE	D	E	C	E	E	TOLUENE	B	B	B	D	C
FERRIC SULFATE	C	E	C	E	E	TOLUENE SULFONIC ACID	B	B	B	D	B
FERROUS NITRATE	B	C	C	E	C	TOLUIDENE	A	B	B	D	B
FERROUS CHLORIDE	TB	TD	TB	TD	TD	TRICHLOROACETIC ACID 20%	A	A	A	B	A
FERROUS SULFATE	TC	TE	TD	TE	TD	TRICHLOROETHANE	B	C	B	C	C
FLUOSILICIC ACID 10- 25%	A	A	A	A	A	TRICHLOROETHYLENE	A	A	A	TC	TB
FORMALDEHYDE	B	C	C	D	B	TRICESYL PHOSPHATE	TB	TB	TB	TD	TB
FORMIC ACID 10%	A	B	B	D	C	TRISODIUM PHOSPHATE	B	C	C	E	C
FORMIC ACID 50%	A	A	A	B	A	TURPENTINE	B	B	B	D	C

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FUELOIL	B	C	C	E	C	UREA SOLUTIONS	TB	TC	TC	TE	TC
FURFURAL ALCOHOL	A	TB	TB	TC	TB	WHITE LIQUOR (PAPER)	TB	TB	TB	TD	TC
GASOLINE AVIATION	A	B	B	D	D	XYLENE	B	C	C	D	D
GASOLINE DIESEL	A	B	B	D	C	ZINC CHLORATE	A	TB	TB	TD	TC
						ZINC SULFATE	B	B	B	E	C