



TBS EMBE®CRETE CHEMICAL RESISTANCE CHART
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Chemical Resistance Chart

Chemical	EMBE®CRETE SL	EMBE®CRETE TG
Acetone	S-3	S-3
Acetic Acid – 56%	S-3	S-3
Acetic Acid – 84%	ND	ND
Acetic Acid – Glacial	NR	NR
Aluminum Chloride – 30%	S-1	S-1
Aluminum Nitrate – 50%	S-2	S-2
Aluminum Sulfate – 50%	+	+
Ammonium Hydroxide – 30%	+	+
Ammonium Sulfate – 50%	S-2	S-2
Ammonium Sulfide – 50%	ND	ND
Barium Sulfate	ND	ND
Barium Sulfide	ND	ND
Beer	+	+
Benzene	S-3	S-3
Benzyl Alcohol	+	+
Black Liquor	+	+
Butyl Acetate	+	+
Butyl Acetate (Normal)	ND	ND
Brake Fluid	+	+
Butanol (Normal)	+	+
Calcium Chloride	+	+
Calcium Hydroxide	+	+
Carbon Tetrachloride	+	+
Citric Acid – 40%	S-2	S-2
Corn Oil	+	+
Crude Oil – Sour	+	+
Crude Oil – Sweet	+	+
Cumene	ND	ND
Cutting Oil	ND	ND
Cyclohexeone	+	+
Diacetone Alcohol	+	+

Chemical	EMBE®CRETE SL	EMBE®CRETE TG
Diesel Fuel	+	+
Diethylene Glycol	+	+
Distilled Water	+	+
Ethanol	ND	ND
Ethyl Acetate	ND	ND
Ethyl Alcohol	ND	ND
Ethylene Dichloide	ND	ND
Ethylene Glycol	+	+
Ethyl 3-Ethoxypropionate	ND	ND
Ethylene Oxide	ND	ND
Ethylene Glycol Monopropyl Ether	ND	ND
Freon	S-3	S-3
Fuel Oil	+	+
Gasoline (Unleaded)	ND	ND
Gasoline (Premium unleaded)	ND	ND
Glucose	+	+
Glycerine	+	+
Glyoxal – 40%	ND	ND
Heptane	ND	ND
Hexane	ND	ND
Hexalene Glycol	+	+
Hydraulic Fluid	+	+
Hydrochloric Acid – 10%	+	+
Hydrochloric Acid – 36%	+	+
Hydrogen Peroxide – 5%	+	+
Hydrogen Peroxide – 30%	S-2	S-2
Iodine	S-2	S-2
Isobuytyl Alcohol	ND	ND
Isopropyl Alcohol	ND	ND
JP-4 Jet Fuel	+	+
JP-5 Jet Fuel	+	+
Kerosene	+	+
Ketchup	+	+
Lactic Acid- 50%	+	+
MAK	S-2	S-2
MEK	S-3	S-3
Methanol	+	+
Methylene Chloride	NR	NR
MIBK	S-3	S-3
Mineral Spirits	S-2	S-2
MTBE	ND	ND
Naptha (VMP)	+	+
Nitric Acid – 10%	+	+
Nitric Acid – 30%	S-2	S-2
Oxalix Acid	ND	ND
Para-Xylene	+	+
Peanut Oil	+	+
Perchloroethylene	S-1	S-1
Phosphoric Acid – 10%	+	+
Phosphoric Acid – 75%	+	+

Chemical	EMBE®CRETE SL	EMBE®CRETE TG
Phosphoric Acid – 10%	+	+
Phosphoric Acid – 75%	+	+
Phosphoric Acid – 85%	ND	ND
Power Starting Fluid	+	+
Propylene Glycol Monomethyl Ether	ND	ND
Propylene Glycol Monomethyl Ether Acetate	ND	ND
Psuedocumene	ND	ND
Skydrol 500B	+	+
Sodium Hydroxide – 50%	+	+
Sodium Hydroxide – 70%	ND	ND
Sodium Hypochlorite – 10%	ND	ND
Sodium Nitrate – 50%	ND	ND
Sulfamic Acid	ND	ND
Sulfuric Acid – 10%	+	+
Sulfuric Acid – 50%	ND	ND
Sulfuric Acid – 70%	NR	NR
Sulfuric Acid – 98%	NR	NR
Toluene	+	+
Tomato Juice	+	+
Transmission Fluid	+	+
1,1,1 Trichloroethane	ND	ND
Urine	+	+
Vinegar	S-2	S-2
Vinyl Tolene	ND	ND
White Liquor	+	+
Xylene	+	+

- + Continuous Service (greater than 6 months)
- S-1 Splash and spill with weekly clean up
- S-2 Splash and spill with 24 hr clean up
- S-3 Splash and spill with hourly clean up
- NR Not recommended
- ND No Data

Factors such as application, temperature, exposure, etc. are beyond the control of Technical Barrier Systems Inc. No warranty concerning these studies can be made. Samples should be tested under actual or simulated conditions for final decision on suitability of the system.