

ConSeal™ CS-440

Fuel & Oil Resistant Sealant



Premium Sealant for Structures in Contact with Hydrocarbons

Applications

For above and below ground fuel containment structures. **Not intended for use in expansion joints or joints that move.**

Sealing Properties

- Provides permanently flexible watertight joints.
- Excellent adhesion and structural integrity.
- Bonds well to most surfaces, including: Concrete, Fiberglass, Metal, Plastic and aluminum.
- Sealed Joints will not shrink, harden or oxide upon aging.
- Controlled flow resistance for application ease.
- Low to high temperature workability: 20°F to 120°F (-7°C to 48°C)
- Rugged service temperature: -30°F to +200°F (-34°C to +93°C)
- No priming normally necessary. When confronted with difficult installation conditions, such as wet concrete or temperatures below 40°F (4°C), priming the concrete will improve the bonding action. Consult Concrete Sealants for the proper primer to meet your application.

Physical Properties

Description

	Spec	CS-440
Color		Gray
Specific Gravity, 77°F	ASTM D71	1.40-1.45
Ductility, 77°F	ASTM D113	15.0
Softening Point, ring and ball °F	ASTM D36	350°F (177°C)
Penetration, cone 77°F (25°C), 150 gm, 5 sec.	ASTM D217	60-70 mm
Flash Point, C.O.C., °F	ASTM D92	300°F (148°C) min.
Percent Solids		99%

Don't Just Seal It, ConSeal It!

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Technical Data

Material	Concentration	Result	Recommendation
Gasoline	100%	No Degradation	Proper Application
Jet A Fuel	100%	No Degradation	Proper Application
JP-4 Fuel	100%	No Degradation	Proper Application
JP-8 Fuel	100%	No Degradation	Proper Application
Kerosene	100%	No Degradation	Proper Application
Motor Oil	100%	No Degradation	Proper Application
Transmission Fluid	100%	No Degradation	Proper Application
Brake Fluid	100%	Some Swelling After 45 Days	Limited Exposure or low level concentrations may not effect sealant
Cooking Oil	100%	No Degradation	Proper Application
Mineral Spirits	100%	No Degradation	Proper Application
Methyl Ethyl Ketone	100%	Swelling, Cracking	Inappropriate Application
Toluene	100%	Swelling, Cracking	Inappropriate Application
Tri Chloroethane	100%	Swelling, Cracking	Inappropriate Application
Alcohol	100%	No Degradation	Proper Application
Anti Freeze	100%	No Degradation	Proper Application
Runway De-Icers	100%	No Degradation	Proper Application
Cleaning Detergents	100%	No Degradation	Proper Application
Insecticides	100%	No Degradation	Proper Application
Fertilizers	100%	No Degradation	Proper Application
Acrylic Acid, Glacial	100%	Swelling, Cracking	Inappropriate Application

Limited Warranty

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