



CONSEAL™
CONCRETE SEALANTS INC.

ConSeal™ CS-440

FUEL & OIL RESISTANT SEALANT

Don't Just Seal It. ConSeal It!

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 watertight joints.
- Bonds well to most surfaces, including: Concrete, Fiberglass, Metal, Plastic and Aluminum.
- Sealed joints will not shrink, harden or oxidize upon aging.
- Controlled flow resistance for application ease.
- Low to high temperature workability: 20°F to 120°F (-7°C to 49°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	1.30-1.50
Ductility, 77°F	ASTM D113	6 cm
Softening Point, ring and ball	ASTM D36	350°F (177°C)
Penetration, cone 77°F (25°C), 150 gm, 5 sec.	ASTM D217	60-70 dmm
Flash Point, C.O.C., °F	ASTM D92	300°F (148°C) min.
Percent Solids		99%



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
Cooking Oil	100%	No Degradation	Proper Application
Mineral Spirits	100%	No Degradation	Proper 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
Brake Fluid	100%	Some Swelling After 45 Days	Limited Exposure, or low level concentrations may not affect sealant
Methyl Ethyl Ketone	100%	Swelling, Cracking	Inappropriate Application
Toluene	100%	Swelling, Cracking	Inappropriate Application
Acrylic Acid, Glacial	100%	Swelling, Cracking	Inappropriate Application

LIMITED WARRANTY

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VERSION: 7-APR-2022



CONCRETE SEALANTS, INC.
ISO 9001:2015 REGISTERED