

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 |
| Diesel Fuel | 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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CONCRETE SEALANTS, INC. | 9325 STATE ROUTE 201, TIPP CITY, OH 45371, USA | WWW.CONSEAL.COM

USA | CANADA +1.800.332.7325 | INTERNATIONAL +1.937.845.8776

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