

# Premium Sealant for Structures in Contact with Hydrocarbons



## PRODUCT APPLICATIONS

For above and below ground fuel containment structures, oil/water separators, grease interceptors, and airport structures. **Not intended for 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 & CHEMICAL COMPOSITION

| Description                                   | Test Method | CS-440             |
|-----------------------------------------------|-------------|--------------------|
| Color                                         |             | Gray               |
| Specific Gravity, 77°F                        | ASTM D71    | 1.30–1.50          |
| Ductility, 77°F                               | ASTM D113   | 6 cm               |
| 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. |

## 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                                            |

View full chemical resistance chart at [conseal.com](http://conseal.com)

## INSTALLATION GUIDELINES

The following procedures should be followed for optimum sealant performance.

- Clean the upper and lower joint surface with a stiff bristle brush.
- Remove any dirt, debris, flashing, or concrete high points, which could keep the joint from coming together.
- ConSeal recommends the use of surface primers, as primers improve adhesion. When using a primer, allow the primer to dry before placing sealant.
- ConSeal primers are specifically designed for use with ConSeal products. Contact ConSeal for the best primer for the projects specific application.
- **DO NOT PLACE ANY JOINTS WITHIN 12" OF A CORNER.**
- Join the sealant into one continuous strand by kneading the ends together where they meet. **Do not stretch the sealant.**
- A minimum compression of 50% is required. Greater than 50% compression is optimal. It may take 15-20 minutes for the sealant to fully compress depending on the ambient temperature and the weight being applied.

Reference Installation Instructions for “Butyl Sealing Tapes” for more detailed instructions.

## LIMITED WARRANTY

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