

Non-Toxic Sealant for Potable Water Systems - NSF Standard 61 Certified

PRODUCT APPLICATIONS

For concrete joints in: Drinking Water Cisterns and Potable Water Systems.
Not intended for expansion joints or joints that move.

NSF/ANSI/CAN 61 CERTIFIED FOR USE IN DRINKING WATER STRUCTURES

**SEALING PROPERTIES**

- Provides permanently 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 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.
- NSF/ANSI/CAN 61 certified for use in drinking water structures.

PHYSICAL PROPERTIES & CHEMICAL COMPOSITION

Description	Test Method	CS-665
Color		Green
Specific Gravity, 77°F (25°C)	ASTM D71	1.35–1.50
Ductility, 77°F (25°C)	ASTM D113	6 cm
Penetration, cone 77°F (25°C), 150 gm, 5 sec.	ASTM D217	60–75 dmm
Penetration, cone 32°F (0°C), 150 gm, 5 sec.	ASTM D217	50–55 dmm
Flash Point, C.O.C.	ASTM D92	350°F (177°C)
Fire Point, C.O.C.	ASTM D92	400°F (204°C)
Volatile Matter, % by weight	ASTM D6	2%

TOXICITY EVALUATION

ConSeal CS-665 has been tested in compliance to the conditions specified in the Federal Hazardous Substance Act (16CFR 1500). Test Results conclusively show that CS-665 is classified as non-toxic by oral administration.

ConSeal CS-665 has been certified by NSF International to conform to the requirements of NSF/ANSI/CAN Standard 61 (Drinking Water System Components) Section 6. Joining and Sealing Materials.

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

This information is presented in good faith, but we cannot anticipate all conditions under which this information and our products, or the products of other manufactures in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combinations for their own purposes. It is the users' responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use. We sell this product without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of this product, whether used alone or in combination with other products.

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