



Technical Data Sheet

RD Pro Architectural Grade Butyl Rubber Sealant – Product No. 0697/OI, 0697/BI, 0697/GI

Description

A tough, high quality butyl rubber sealant designed for indoor/outdoor jobs requiring a durable, watertight seal; a single component, solvent release, butyl based sealant.

Key Features

- Interior/Exterior Use
- Tenacious Adhesion
- Paintable
- Remains Flexible
- Mildew Resistant
- Suitable for Below Grade Applications
- Spec-Compliant (see listing below)

Uses

Excellent sealant for use around window & door frames, in expansion joints, around concrete foundations, on gutters, end caps & for re-adhering shingles. Product sticks to most clean surfaces & remains flexible after cure.

Surface Preparation

Surface must be clean & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. Remove mildew by scrubbing with a solution of 4 oz TSP (Trisodium Phosphate), 1 quart of liquid bleach mixed with 3 quarts of warm water. Protect eyes & hands by wearing goggles & chemical resistant gloves. Thoroughly rinse surface before caulking & painting.

Directions

1. Clip off tip of spout @ a 45 degree angle to desired size. Use only in a well-ventilated area.
2. Load cartridge into caulking gun & apply using steady, even pressure, to completely bridge joints.
3. Smooth caulk with a spoon or putty knife.
4. Clean up excess with mineral spirits before surface skins over (See directions/cautions on solvent container).

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	11.5 +/- 0.25
Specific Gravity	Calculated	1.38
Total Non Volatile % Solids (Weight)	Computrac Analyzer	82% +/- 2.5
Consistency/Appearance	Visual Observation	Viscous Paste
Odor	Subjective	Solvent
Base Polymer	Known	Butyl Rubber Blend
Filler	Known	Calcium Carbonate/TiO ₂ (White)
Flash Point	ASTM D 56	>100F (38C) - Combustible
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	1 Year Unopened @ 72F
Slump	ASTM D2202 Jig	< 0.15
Artificial Weathering	ASTM – QUV Tester	No Crack @ 5,000 hrs QUV
Flexibility	ASTM 734	Pass 1 in Mandrel @ 32F
Tack Free Time	ASTM D2377	2-4 hours
Full Cure	Test Lab	7 to 14 days
Storage Conditions	Test Lab	40F to 90F
Application Temperature	Test Lab	40F to 100F
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20 to 200F
Paintability	Test Lab/Field Evaluation	7 days w/ Latex or Oil Based
Water Resistance	Test Lab	Excellent @ full cure
Coverage	Test Lab	30 linear feet (3/16 inch bead)
Shrinkage	ASTM D2453	20% Maximum

Clean Up

Mineral Spirits before cure (See solvent label for directions & cautions)

For Best Results

- Apply only with excellent ventilation (See MSDS)
- Store cartridge @ room temperature (72F to 77F) prior to use if application temperature is below 40F
- Do not store or use around heat, open flame, etc.
- Paint sealant after cure with a premium quality paint.
- Do not use for filling butt joints, correcting surface defects or for tuck pointing.
- Do not use for joints subject to heavy abrasion or wear.
- Prime bare surfaces before caulking.

Color

White, Bronze, Gray

Packaging

10.1 oz HDPE Cartridge

Limitations

- Not for use in areas of complete submersion – such as swimming pools & aquariums.
- Not FDA or USDA approved
- Not recommended for pool or hot tub applications
- Not recommended for adhering mirrors.
- Use with adequate ventilation (See MSDS)

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
<i>CARB Compliance</i>	<i>Documents Review</i>	<i>No</i>
<i>Prop 65 Ingredients</i>	<i>Documents Review</i>	<i>Yes (see MSDS)</i>
<i>DOT Proper Shipping Name</i>	<i>Review of Regs</i>	<i>Adhesive, Containing a Flam. Liq.</i>
<i>DOT Hazard</i>	<i>Review of Regs</i>	<i>Flammable</i>
<i>DOT UN/NA Number</i>	<i>Review of Regs</i>	<i>UN 1133</i>
<i>Packing Group</i>	<i>Review of Regs</i>	<i>PG III</i>
<i>VOC Content</i>	<i>Calculated</i>	<i><17% by weight, < 200 g/L</i>

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. (See MSDS for additional information)

PERFORMANCE SPECIFICATIONS

Meets or exceeds requirements of: Fed Spec. TT-S-001657 Type 1, Fed Spec. TT-C-00598C Type I, Fed Spec TT-C-1796A Type I, ASTM C1311, GSA A-A-272 Type III

Note: ASTM C1085 has been replaced by C1311 (+/- 7.5% joint movement)

LIMITED WARRANTY

Recommendations for use of this product are based on tests we believe to be reliable. Manufacturer and seller are not responsible for results where this product is used under conditions beyond our control. If when applied as directed, this material peels, cracks or separates, it will be replaced without charge upon presentation of proof of purchase and used cartridge. This limited warranty only applies to residential use and damages including consequential damage and other remedies are excluded. No other warranties apply, including fitness for a particular purpose.

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SEE MSDS FOR ADDITIONAL DATA/INFORMATION