



Technical Data Sheet

RD Pro Celulon Adhesive Sealant – Product No. 0926/OI

Description

A premium siliconized acrylic adhesive sealant formulated to provide an excellent seal around windows, doors & other areas. Multi-purpose adhesive sealant suitable for interior or exterior applications.

Key Features

- Water Clean Up
- Multi-Purpose
- VOC Compliant
- Paintable
- Easy to Apply & Tool
- Excellent Adhesion
- Mildew Resistant
- Spec Compliant: ASTM C834-00 Type P

Uses

Multi-Purpose Adhesive Sealant designed for use around windows, doors & similar applications.

Surface Preparation

Surface must be clean, dry & free from dirt, dust, grease, oil, mildew, wax, loose paint & old caulking. Prime bare surfaces before caulking for best results. 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 & allow to dry completely before caulking & painting.

Directions

1. Clip off tip of spout @ a 45 degree angle to desired size.
2. Load cartridge into caulking gun & apply using steady, even pressure to completely bridge joints.
3. Smooth caulk using wet finger or damp cloth for a neat appearance.
4. Wipe away excess with a damp cloth before surface skins over.
5. Protect from water/rain until cured (72 hrs). May be painted over in 2 to 6 hrs depending on climatic conditions. Larger beads, cooler temperatures & higher humidity will prolong drying time.

<u>Physical/Performance Property</u>	<u>Test Method</u>	<u>Typical Result</u>
Weight Per Gallon	Gardner Cup	13.0 +/- 0.75
Specific Gravity	Calculated	1.56
Total Non Volatile % Solids (Weight)	Computrac Analyzer	80% +/- 2.5
Extrudability/Application (as packaged)	Semco Gun (6 oz @ 50 psi)	12 seconds +/- 3
Consistency/Appearance	Visual Observation	Creamy, Viscous Paste
pH (initial)	pH Meter	7 to 9
Odor	Subjective	Mild Acrylic
Base Polymer	Known	Aqueous Acrylic Terpolymer
Pigment	Known	Calcium Carbonate/TiO ₂
Siloxane Adhesion Promoter	Known	Yes
Flash Point	Closed Cup	>200F (38C); Non-Flammable
Freeze/Thaw Stability	Test Lab 0 F/77 F @24 hrs or ASTM C731	Passes 5 Cycles
Shelf Life	Lab 50 C Oven – Accelerated	Minimum 1 Year @ 72F
Slump	ASTM D2202 Jig	0
Artificial Weathering	ASTM – QUV Tester	No Crack @ 10,000 hrs QUV
Flexibility	ASTM 734	Pass @ 0 F
Tack Free Time	ASTM D2377	30 minutes – Pass (no stick)
Storage Conditions	Test Lab	40F to 90F (5C to 32C)
Application Temperature	Test Lab	40F to 90F (5C to 32C)
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-20F to 180F
Tooling	Test Lab/Field Evaluation	Excellent
Paintability	Test Lab/Field Evaluation	Latex Paint – Excellent @ 2 to 6hrs depending on climatic conditions. Oil base paint excellent @ 72 hrs
Percent Elongation @ Break	Test Lab (Instron)	500 to 600%

Clean Up

Soap & Water

Color

White

For Best Results

- Apply when caulk, surface & air temperature are between 40F (& rising) & 90F
- Allow new concrete to cure for 30 days before caulking
- Do not use for joints subject to heavy abrasion or wear
- Do not attempt to thin caulk
- Prime bare surfaces before caulking
- For a neat, straight bead edge, mask both sides of joint with masking tape
- Do not "overtool" the applied caulk, leaving too little caulk to perform, following cure
- Joints deeper than 1/2 inch should utilize a backer rod

Packaging

HDPE Cartridge

Limitations

- Do not apply when rain or freezing temperatures are expected
- Protect from rain & exposure to water for 72 hours
- Not recommended for marine applications, on automobiles or aquariums
- Larger beads, cooler temperatures & higher humidity will slow down cure

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
CARB Compliance	Documents Review	Yes
Prop 65 Ingredients	Documents Review	Yes (See MSDS)
DOT Proper Shipping Name	Review of Regs	Not Regulated by DOT
DOT Hazard	Review of Regs	NA
DOT UN/NA Number	Review of Regs	NA
Packing Group	Review of Regs	NA
VOC Content	Calculated	< 1.5%/wt, < 25 g/L

CAUTION: NOT FOR INTERNAL CONSUMPTION. KEEP OUT OF REACH OF CHILDREN & PETS. KEEP FROM FREEZING. (See MSDS for additional information)

Contains Titanium Dioxide; added to Massachusetts Right to Know List, Minnesota Hazardous Substance List, New Jersey Right to Know List, Pennsylvania Right to Know List & Rhode Island Hazardous Substance List. WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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