



Technical Data Sheet

**CLEAR Caulk – Solvent Base –
Product No. 0870, 0871 Series**

Description

A high performance clear elastomeric adhesive sealant that provides a superior bond to virtually all surfaces.

Key Features

- Superior Clarity
- Interior/Exterior Use
- Tenacious Adhesion
- Exempt from VOC Limits
- Paintable & Stainable
- Remains Flexible
- Mildew Resistant
- Suitable for Below Grade Applications
- Applies to Dry or Damp Surfaces

Uses

Excellent sealant for general purpose applications where a very clear seal is required; Window & door frames, gutters, downspouts, siding, trim, vents, pipes, air conditioners, skylights & plumbing fixtures.

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. Product will apply to dry or damp surfaces.

Directions

1. Clip off tip of spout @ a 45 degree angle to desired size. Puncture inner seal @ base of nozzle. 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 or toluene 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	7.25 +/- 0.25
Specific Gravity	Calculated	0.87
Total Non Volatile % Solids (Weight)	Computrac Analyzer	62% +/- 2.5
Viscosity (as packaged)	Brookfield Viscometer	700M cps +/- 300M
Consistency/Appearance	Visual Observation	Clear, Viscous Paste
Odor	Subjective	Solvent
Base Polymer	Known	Kraton Thermoplastic Rubber Blend
Antioxidants/UV Inhibitors	Known	Yes
Light Stabilizers	Known	Yes
Flash Point	Closed Cup	<100F; 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	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	5 to 10 minutes
Storage Conditions	Test Lab	40F to 90F
Application Temperature	Test Lab	10F to 100F (For applications <40F cartridge should be stored @ RT (72F) prior to us)
Service Temperature	Lab Oven/QUV/Freezer/OE Fence	-25F to 125F
Paintability	Test Lab/Field Evaluation	Excellent (24 hrs w/ latex, 72 hrs w/ oil based)
Shrinkage	Test Lab	25 to 45% (Substrate Porosity)

Clean Up

Mineral Spirits before cure (See solvent label for directions & cautions) NOTE: Orange-Based Cleaners also work. See label 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 – Product flammable
- Apply to dry surfaces whenever possible although product will adhere to damp substrates as well

Color

Crystal Clear

Packaging

Barrier Cartridge/Barrier Sq. Tube

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

Environmental, Safety & Transportation Information

<u>Criteria</u>	<u>Evaluation Method</u>	<u>Status</u>
CARB Compliance	Documents Review	Yes – currently exempt from VOC
Prop 65 Ingredients	Documents Review	No
DOT Proper Shipping Name	Review of Regs	Consumer Commodity. ORM-D
DOT Hazard	Review of Regs	Adhesive Flammable Liquid
DOT UN/NA Number	Review of Regs	NA
Packing Group	Review of Regs	NA
VOC Content	Calculated	42% by weight (Currently Exempt)

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

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.

TDS Number: 0870TD, 0871TD Series

Date of Issue: January 26, 2010 (Toluene removed from formulation 2005)

SEE MSDS FOR ADDITIONAL DATA/INFORMATION