

HIGH TEMP RED Spec Sheet #S0117 September 2006

100% silicone sealant

Industrial / Plumbers Grade RTV



Specifications

**HIGH TEMP
RED
100% silicone
sealant**

DESCRIPTION

HIGH PERFORMANCE one-step RED colored 100% silicone sealant for high temperature applications, provides a strong, durable, and flexible seal to wood, glass, metal, porcelain, ceramic, painted surfaces, and many plastics and rubber materials. Resistant to weathering, vibration, shrinking, peeling, or cracking. It allows for a permanently flexible waterproof seal. Ideal for pipes, ducts/vents, valves, tanks, gaskets, and flues. Performs at temperatures ranging from -80°F to +600°F. Joint movement +/- 25%; superior gunning and tooling; all season ease of application.

SIZES AND PACKING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
25666	10.1 fl. oz.	12	11.0 lbs.

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APPROVALS AND LISTINGS

Meets specification for Federal Meat and Poultry Inspection Program: FDA Regulation: No. 21 CFR 177.2600 for incidental food contact and ASTM C-920, Type S, Grade NS, Class 25, Use NT, G,A,O; TT-S-00230C, Type II, Class A; CAN-19.13M87. Recognized under UL QMFZ2, NSF Std 51, MIL-A-46106A, and CARB 2003 for VOC content.

SPECIFIC USES

High Temp Red is a general purpose, one component 100% RTV acetoxysilicone sealant designed for high temperature applications.

High performance silicone sealant ideal for high temperature applications where retention of flexibility, resistance to weathering, vibration, shrinking, peeling, or cracking is important.

SPECIFIC APPLICATIONS*

Construction

- Perimeter sealing, glazing
- Countertops, sanitary seals
- Kitchen/Bath; HVAC
- Roofing

Industrial

- Heating/Refrigeration units
- Foam in place gaskets
- Appliance trim
- RV, marine, truck sealing

PHYSICAL PROPERTIES

Color	Red
Odor	Vinegar like odor
Hardness, Shore A	25 +/- 5
Skin-over Time	10 minutes
Tack-free Time	15 minutes
Cure Rate	24 hours / 1/8" caulk thickness
Service Temp	-80°F to +600°F

WARNINGS OR CAUTIONS

UNCURED SEALANT CAN CAUSE IRRITATION. Avoid contact with sensitive areas. Contact lens wearers take appropriate precautions.

IN CASE OF CONTACT flush eyes or exposed area with water. Call physician. If skin contact should occur, wipe skin with dry cloth and then wash thoroughly with soap and water. Sealant releases vinegar-like odor during curing.

DIRECTIONS FOR USE

1. Clean and dry surfaces - remove any oil, dirt, grease, or soaps. If void is more than ½ inch deep fill with appropriate filler prior to application of silicone sealant.
2. Cut nozzle to gain appropriate bead size and apply with standard caulking gun.
3. Clean up excess caulk immediately with sharp edge tool or dry cloth.
4. Silicone forms dry skin within 10 minutes and cures in one hour. Comes to full strength and adhesive value within 24 hours per ¼" of caulk.

STORAGE

Store in a dry place at ambient temperature. Avoid storage in areas over 90°F.

MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET - (MSDS) #117

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of www.herchem.com
Mail	Contact Hercules at address below or any Hercules representative

INGREDIENTS	CAS#
Dimethyl siloxane	70131-67-8
Hydro-treated middle petroleum distillates	64742-46-7
Silica, amorphous	7631-86-9
Ethyltriacetoxysilane	17689-77-9
Methyltriacetoxysilane	4253-34-3
HMIS Hazard Rating 2-1-0-A	

*For special applications which may not be covered on this or other Hercules literature, please contact Hercules Technical Services Department by phone 1-800-221-9330, or fax 1-800-333-3456, or visit our technical database web-site at www.herchem.com.



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ISO 9001: 2000 Certified

