

# plumbers caulk™ Spec Sheet #S0107 100% silicone January 2005

## Caulking and Sealing Compounds



specifications

### DESCRIPTION

**Hercules 100% silicone plumbers caulk** is a high quality professional grade sealant. It has excellent adhesion to most porous and non-porous substrates including wood, glass, porcelain, tile, concrete or grout, metals, most plastics, and many other materials.

It provides a flexible, durable, and UV resistant seal that is waterproof and water tight. Flows easily from the resealable tube or cartridge, tools easily, is tack-free in 30 minutes, completely cured in 24 hours, and has 10 year durability. **Hercules 100% silicone plumbers caulk** will not crack or crumble, doesn't shrink, and is mildew resistant\*. Working temperature ranges from -75°F to 450°F.

Available in two popular finishes:

**White** - to match white colored fixtures.

**Clear** - useful on high style marble, ceramic, metal, and plastic installations where white or colored caulk would detract from appearance.

### SIZES AND PACKAGING

STOCK NO.	SIZE	PACKING	WEIGHT/CASE
<b>White</b>			
25671**	3 fl. oz.	12	4.0 lbs.
25676+	10.1 fl. oz.	12	10.0 lbs.
<b>Clear</b>			
25681**	3 fl. oz.	12	4.0 lbs.
25686+	10.1 fl. oz.	12	11.0 lbs.

\*\*Blister carded + Cartridge

\* Hercules silicone caulk does not support the growth of mildew, but adjacent surfaces may allow such growth. Many household cleaning products remove mildew.

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### APPROVALS AND LISTINGS

FDA and USDA approved and NSF listed. It meets or exceeds Federal Specifications TT-S-00230C & TT-S-001543A (COM-NBS), ASTM C920 Type S, +/- 25% joint movement. MIL A-46106A, Type 1.

### SPECIFIC USES

Use **100% silicone plumbers caulk** to seal interior or exterior surfaces. Seals and fills seams and joints around tubs, commodes, showers, sinks, trim, tile, and painted surfaces. Use as an adhesive for fastening vanities, counter tops, and fixtures.

### SPECIFIC APPLICATIONS\*

**100% silicone plumbers caulk** may be used indoors or outdoors on building materials including wood, glass, porcelain, tile, marble, granite, concrete or grout, metals, and most plastics.

### PHYSICAL PROPERTIES

Solubility in water:	Not soluble before or after curing.
Density:	8.6 lbs/gal
VOC Content:	3.5% by weight 36 g/l (0.30 lbs/gal)
Durability:	Mildew resistant. Resists UV deterioration.
Flexibility:	Withstands +/- 25% joint movement
Appearance / color:	White: Creamy paste. Clear: Clear paste.
Odor:	Mild vinegar odor (both finishes)

### WARNINGS OR CAUTIONS

- Read all cautions and directions carefully before using product.
- KEEP FROM FREEZING.
- KEEP OUT OF REACH OF CHILDREN.
- NOT FOR USE ON AQUARIUMS.
- DO NOT take internally.
- Uncured sealant may cause skin, eye, and respiratory irritation. Use only in well ventilated areas.
- In case of eye contact or irritation, flush eyes immediately with running water for 15 minutes and obtain medical attention immediately.
- Keep cartridge or tube tightly capped when not in use.
- Unused material should be stored under 90°F and used within 12 months of opening.

### DIRECTIONS FOR USE

**Preparation:** Surfaces should be clean and dry. Remove loose grout, mortar, dust and dirt with a dry brush or rag. Do not use solvents to clean joints unless surfaces can dry thoroughly before caulk application. Joint depth should not exceed 1/2". Remove cap from nozzle and cut off tip for desired caulk thickness. For best results, apply when ambient temperature is above 40°F.

**Application:** Apply cartridge with caulking gun or squeeze from tube. For tooling ease, keep tools moist with soapy water. Wipe off any excess caulk with a dry cloth before it cures. Replace cap tightly after using. Allow to stand overnight before water contacts new caulk. **Hercules 100% silicone plumbers caulk** cannot be painted.

**Clean-up:** First wipe hands, tools, and adjacent surfaces with a dry cloth. Wash with a dish detergent and water several times. It may take up to 3 days for the residue to be totally removed. Use of mineral spirits or alcohol is not recommended.

**Note:** Some brands of caulk are packaged in the same size cartridges as Hercules and show a "Net Weight" which is close to Hercules "Fluid Measure". In all instances, the "Fluid Measure" package contains substantially more material. Compare package sizes. If they are the same, know that the one designating "Fluid Measure" gives you more.

### MATERIAL SAFETY INFORMATION

FOR MORE INFORMATION ON THIS PRODUCT, REQUEST MATERIAL SAFETY DATA SHEET- White and Clear (MSDS) #107

For Delivery by Fax	Call 1-800-942-4636
Internet	See MSDS section of <a href="http://www.herchem.com">www.herchem.com</a>
Mail	Contact Hercules at address below or any Hercules representative

INGREDIENTS	CAS#
Polydimethylsiloxane, hydroxy-terminated	70131-67-8
Silica, amorphous	7631-86-9
Methyltriacetoxysilane	4253-34-3
Ethyltriacetoxysilane	17689-77-9
Acetic acid	64-19-7

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](http://www.herchem.com).



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