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# TECHNICAL DATA SHEET

## SOLARITE KM-2745-C SILICON STRAND SEAL

**USE:** Recommended for the sealing of strands in water-tight and gas-block cable constructions.

**DESCRIPTION:** SOLARITE KM-2745-C is a silicon-base, catalyzed, heat-curable, single-component sealant.

### PHYSICAL PROPERTIES:

Color.....White  
Specific Gravity.....1.34 +/- .03  
Pounds/Gallon.....11.2  
Viscosity, Brookfield.....220,000 +/- 20,000 cps  
Consistency.....Paste, Self-Leveling to Prevent Wire Channeling  
Cure Temperature.....275°F Minimum  
1 Minute @.....350°F  
Characteristics.....Flame Retardant  
Low Smoke  
Catalyst.....Benzoyl Peroxide  
Dielectric Constant--  
ASTM-D-150.....2.95  
Toxicity Index--NES713 Per  
MIL-C-24643 Index/100 Gm.  
5 Max.....<5  
Acid Gas Generation.....None  
Halogen Content.....None  
Solids.....100%

**APPLICATION:** SOLARITE KM-2745-C may be applied in an open or closed system. Normally, the center strand is coated just prior to the closing die.

**STORAGE:** Six months in unopened original containers, 100°F maximum.

**PACKAGING:** Supplied in 1-gallon cans, 5-gallon pails, and 55-gallon drums.

**IMPORTANT:**

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**HEALTH CAUTION:**

Contact with skin and eyes should be avoided. In case of eye contact, flush with water for at least 15 minutes. Consult physician if irritation persists. For skin contact, wash in soap and water. Please refer to Material Safety Data Sheet before using these products.

**PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER FIRST AID INFORMATION.**

FOR CHEMICAL EMERGENCY  
CALL CHEMTREC (DAY OR NIGHT) 800-424-9300.