TECHNICAL DATA SHEET

SOLARITE KM-4523
CABLE SEALANT

DESCRIPTION: SOLARITE KM-4523 is a non-hardening sealant developed for application in cable strands and cabled insulated conductor valleys to prevent the conductance of water. SOLARITE KM-4523 has an elastomeric polymer base into which specially selected fillers have been incorporated. SOLARITE KM-4523 is non-migratory. It does not contain asbestos, oil, hydrocarbons, or low-molecular weight plasticizers. All ingredients are virgin materials.


TYPICAL PHYSICAL CONSTANTS:
Penetration, Cone 300 Grams 1d. @ 77°F ASTM, D-217-48, .10/mm...................82 +/-5
Specific Gravity 25°C, ASTM D-71-27.............1.55 +/- 0.10
Slump Resistance........................................Excellent
Color..........................................................Grey
Corrosion to Metals.........................................None
Heat Stability................................................Stable @ 300°F for Extended Periods
Moisture Resistance........................................Non-Hydroscopic
Thermal Conductivity........................................0.28 BTU/HR (Sq. Ft.) (°F/ Ft.)
Melt Index @ 302°F........................................7.0 – 11.0 Gms/Min
(Total Load 2160 Grams, Pre-Heat 10 Minutes, Purge to First Mark, Collect Sample 30 Seconds)

PACKAGING: Shipped in 5-gallon pails and 55-gallon drums.

SPECIAL PROPERTIES:
1) No adverse effects on electrical or physical properties of high and low density polyethylene, synthetic elastomers, cross-linked polymers, PVC, rubbers.
2) Remains stable at 300°F and higher temperatures for short periods.

3) Non-hygroscopic, excellent resistance to water, water vapor and salt water.

4) Non-drying, remains plastic with no shrinkage upon aging.

5) Non-corrosive to metals.

6) Non-brittle @ -40°F.

7) Will not melt or flow at the higher temperatures.

8) Little to no odor, non-toxic, and non-irritating to the skin.

**IMPORTANT:**
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**HEALTH CAUTION:**
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.