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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.

APPLICATION: Pumped with heavy-duty double-action hydraulic drum ram equipment. Cone-shaped, heated follower plate and heated delivery lines recommended. Processing temperatures—200°F to 260°F—with heated closing dies.

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.