TECHNICAL DATA SHEET

SOLARITE KM-700-NA CABLE SEALANT

END USE: For use as a cable core and strand sealant in cables of water-tight constructions. Approved for cables manufactured under MIL-C-915 (Ships).

DESCRIPTION: KM-700-NA has a mastic consistency with sufficient pliability to efficiently fill in the voids in cables. Composed of a synthetic polyester combined with a suitable binder, inert fillers and fibers. No asbestos.

PHYSICAL PROPERTIES:

Color.................................................Olive - Tan
Solids................................................100%
Penetration*......................................145 +/- 10
Specific Gravity**...............................1.74 +/- .05

*Cone Penetration, 300 gram load @ 77°F, ASTM 217 - 48 (.1mm)

**Specific Gravity @ 25°C, ASTM D-71-27

SPECIAL PROPERTIES:

1) Acts as an excellent water repellent when immersed in water or exposed to water vapor.

2) Chemically stable at temperatures up to 300°F (will surface skin on extended exposure to the atmosphere).

3) Has no effect on copper, tin or aluminum.

4) Retains flexibility at temperatures to -20°F.

APPLICATION: SOLARITE KM-700-NA may be pumped from drums with heavy duty, double-acting hydraulic follower plate ram equipment. Cone shaped, heated follower plate and heated delivery lines are recommended. Pre-heating the drum and/or drum heaters facilitate its handling. Maintaining pumping
temperatures of 175°F to 200°F is desirable. **KM-700-NA** is supplied in slug form for manual feeding to an extruder or into the closing die. Electrically heated wiping dies are recommended.

**STORAGE:** Can be stored at normal room temperatures.

**TOXICITY:** Non-toxic or injurious to workers.

**PACKAGING:**

1) Pre-formed slugs weighing 2.5 pounds, 8-½” x 7-½” x 2” in cartons weighing approximately 50 pounds.

2) Five-gallon crimp-top pails.

3) Fifty-gallon open-head drums.

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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.