



Solar Compounds Corporation
1201 West Blancke Street
Linden, NJ 07036 USA
Ph: 908-862-2813 Fax: 908-862-8061
Intl: Ph: (0101) 908-862-2813 Fax: (0101) 908-862-8061
www.solarcompounds.com

TECHNICAL DATA SHEET

SOLARITE KF-2591-B GRAY FLAME-RETARDANT FINISHING COMPOUND

USE: SOLARITE KF-2591-B GRAY is designed for use as a finisher over pre-treated cotton braids, rayon braids, or combinations, including glass, for all sizes of braided wire and cable.

DESCRIPTION: SOLARITE KF-2591-B is a tough, flexible, flame and moisture-retardant finishing compound. It is formulated to meet all Underwriters' tests plus complies with Bell Laboratories' Specification KS-5482-01 for power and cable wire. SOLARITE KF-2591-B may be used on both large and small sized cables, but is specifically designed to offer superior flame-retardant properties for the smaller sized cables 8 through 14, which generally are the more difficult to flame proof.

COMPOSITIONS: SOLARITE KF-2591-B GRAY is a combination of high-melting point waxes, polymers, and flame-retardant resins with specially selected fillers.

PHYSICAL PROPERTIES:

Softening Point, ASTM D-36-26.....185°F - 195°F
Penetration @ 77°F, 100 Grams, 5 Seconds...3 - 6
Viscosity, Brookfield Thermocel.....2500 - 3500 CPS @ 350°F
Specific Gravity @ 77°F.....1.6 - 1.7
Specific Heat.....0.624 CAL/G/DEGREES C
Temperature of Application.....285°F - 300°F

APPLICATION: SOLARITE KF-2591-B is successfully applied either in a one-pass operation or a two-pass operation in tandem. In both processes, the finisher may be applied either by dip or slushed on by means of a pump to pick-up wheel. Tanks used should be so designed to eliminate any local over-heating or hot spots. Electrically heated or oil jacketed tanks are preferred. Gas heated tanks may be used successfully with proper insulation and baffle area. Steel dies are recommended in both operations, backed up with rubber wipes if found

necessary. The use of heated steel dies has also been found very successful. It is important that the compound be well ironed into the braid with the appearance of a good braid pattern after painting.

MARKINGS: Compound number, batch number, gross and net weights, and customer's order number.

STORAGE: Can be stored indefinitely

TOXICITY: Non-toxic. However, hoods should be provided over applying tanks.

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.

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