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**PRODUCT DATA SHEET**

**HOT-APPLIED FLEXIBLE PAVEMENT  
 MARKER ADHESIVE**

PART NO. 34270

JANUARY 2004

**READ BEFORE USING THIS PRODUCT**

**GENERAL** Hot-Applied Flexible Pavement Marker Adhesive is a hot-applied thermoplastic bituminous material which, when properly used and applied, bonds markers and reflectors to both asphalt and concrete pavement surfaces. Hot-Applied Flexible Pavement Marker Adhesive is supplied as an easy to use single component material which is easily melted and poured or pumped onto pavement surfaces. Since it is a hot melt composition, Hot-Applied Flexible Marker Adhesive sets up on cooling and is ready for traffic in less than five minutes. Hot-Applied Flexible Marker Adhesive is formulated with premium asphalt, polymers and additives to produce a unique material which hold markers in place and remain flexible at temperatures down to 20°F (-7°C)

**SPECIFICATION CONFORMANCE** The recommended specification for Flexible Marker Adhesive when heated to the safe heating temperature in accordance with ASTM D5167 is:

<u>Test</u>	<u>Specification Limits</u>
Brookfield Viscosity, 400°F (204°C) (ASTM D4402)	5000 cp max.
Softening Point (ASTM D36)	200F (93C) min.
Penetration, 77°F (25°C)(ASTM D5)	25 max.
Ductility, 77°F (25°C) (ASTM D113)	15 cm min.
Ductility, 39.2°F (4°C) (ASTM D113)	5 cm min.
Flexibility, 1" (25mm), 90 deg., 10 sec. (Crafco Procedure)	Pass at 20°F (-7°C)
Recommended Application Temperature	380°F (193°C)
Safe Heating Temperature	410°F (210°C)

**APPLICATION** The unit weight of Flexible Marker Adhesive is 10.8 lbs. per gallon (1.29 kg/L) at 60°F (15.5°C). Hot-Applied Flexible Marker Adhesive must be melted in jacketed, double boiler type melting units with an effective agitation system. Prior to use, the user must read and understand the Application Instructions for Hot-Applied Marker Adhesive (November 2002) to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of adhesive.

**PACKAGING** Hot-Applied Flexible Marker Adhesive is supplied in self-release three compartment disposable boxes which contains approximately 35 pounds (15.9 kg) of material. The boxes are palletized into shipping units weighing approximately 1,680 pounds (762 kg). Material is sold by the net pallet weight.

**WARRANTY** CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, Crafcoc shall not be responsible for improperly applied or misused products. Remedies against Crafcoc, Inc., as agreed to by Crafcoc, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcoc, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafcoc, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcoc recommendations for product installation**