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PRODUCT DATA SHEET

POLYFLEX 547

PART NO. 34547

JANUARY 2008

READ BEFORE USING THIS PRODUCT

GENERAL Crafco PolyFlex 547 is a hot-applied, asphalt based product formulated to meet the general requirements of ASTM D 6690. PolyFlex 547 is used to seal and fill cracks and joints in asphalt or portland cement concrete pavements in moderate climates. PolyFlex 547 is supplied in solid form which when melted and properly applied forms a highly adhesive and flexible compound that resists cracking in the winter and is resistant to flow at summer temperatures. PolyFlex 547 can be used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using pressure feed melter applicators. At application temperature PolyFlex 547 is a medium viscosity product which flows and penetrates cracks. Compared to products based on reclaimed rubber, PolyFlex 547 offers lower viscosity for easier application, improved summer temperature pick-up resistance quicker set times, and improved low temperature flexibility. VOC = 0 g/l.

SPECIFICATION CONFORMANCE Crafco PolyFlex 547 meets the General Requirements of ASTM D 6690, "Joint and Crack Sealants, Hot-Applied, for Concrete and Asphalt Pavements", and the following properties for asphalt pavement crack filling when heated in accordance with ASTM D 5078 to the Manufacturer Maximum Heating temperature:

<u>Test</u>	<u>Specification Limits</u>
Cone Penetration, 77°F(25°C)(ASTM D5329)	60 max.
Resilience (ASTM D5329)	40% min.
Softening Point (ASTM D36)	200°F (93°C) min
Ductility 77°F (25°C) (ASTM D113)	30cm min
Flexibility (ASTM D3111 Modified)	Pass at 20°F (-7°C)
Brookfield Viscosity, 400°F (204°C) (ASTM D2669)	100 Poise max.
Asphalt Compatibility (ASTM D5329)	Pass
Bitumen Content (ASTM D4)	60% min.
Bond, -5°C (23°F), 50% ext. (ASTM D5329)	Pass 3 cycles
Maximum Heating Temperature	400°F (204°C)
Minimum Application Temperature	380°F (193°C)

INSTALLATION The unit weight of Crafco PolyFlex 547 sealant is 10.0 lbs. per gallon (1.20 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Hot-Applied RoadSaver, PolyFlex and Asphalt Rubber Products (January 2008) 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 product.

PACKAGING Packaging consists of individual boxes of products which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the product. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18kg) and pallet weights do not exceed 2,880 lbs. (1310 kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm²) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number, specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet and a minimum of two layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

WARRANTY CRAFTCO, Inc. warrants that CRAFTCO 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, Crafco shall not be responsible for improperly applied or misused products. Remedies against Crafco, Inc., as agreed to by Crafco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafco, 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 Crafco, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafco recommendations for product installation.**