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## PRODUCT DATA SHEET

# ROADSAVER 221

PART NO. 34221

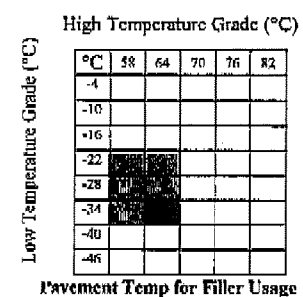
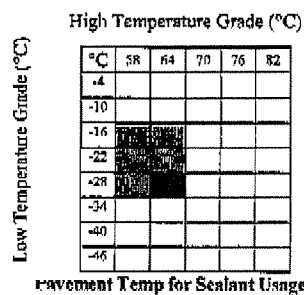
MARCH 2006

### READ BEFORE USING THIS PRODUCT

**GENERAL** Crafco RoadSaver 221 sealant is a single component, hot-applied petroleum based product which is used to seal and fill cracks and joints in both asphalt and portland cement concrete pavements in moderate to cold climates. RoadSaver 221 is supplied in solid form which when melted and properly applied forms a resilient adhesive and flexible compound that resists cracking in the winter and is resistant to flow and pick-up at summer temperatures. RoadSaver 221 can be used in highway, street, and airfield pavements. It can be applied to pavement cracks and joints using either pressure feed melter applicators or pour pots. At application temperature, RoadSaver 221 is a free flowing, self-leveling product.

**USAGE GUIDELINES** RoadSaver 221 pavement temperature performance limits are 64-28 for crack sealing and 64-34 for crack filling. Usage recommendations are shown in Crafco pavement temperature grade charts shown at the right. Refer to Crafco Product Selection Procedures to determine sealant or filler use and pavement temperature grades.

|  |                    |
|--|--------------------|
|  | Suited for Use     |
|  | Recommended        |
|  | Performance Limits |
|  | Not Recommended    |



**SPECIFICATION CONFORMANCE** RoadSaver 221 meets all requirements of ASTM D6690 (AASHTO M324), Type II, "Joint and Crack Sealants, Hot-applied, for Concrete and Asphalt Pavements", (formerly ASTM D3405 and AASHTO M301). It also exceeds requirements of ASTM D6690 (AASHTO M324), Type I, (formerly ASTM D1190, AASHTO M173), and Federal Specification SS-S-164.

| Test                          | ASTM D6690 (AASHTO M324)<br>Type II Spec. Limits |
|-------------------------------|--|
| Cone Penetration              | 90 max.  |
| Flow                          | 3mm max.   |
| Softening Point               | 176°F (80°C) min.                                |
| Resilience                    | 60% min.   |
| Bond, -20°F (-29°C), 50% ext. | Pass 3 cycles                                    |
| Asphalt Compatibility         | Compatible                                       |
| Recommended Pour Temperature  | 380°F (193°C)                                    |
| Safe Heating Temperature      | 410°F (210°C)                                    |

**APPLICATION** The unit weight of Crafco RoadSaver 221 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 Application Instructions for Hot Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber Products (January 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 product.

**PACKAGING** Packaging consists of individual boxes of product 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. (1310kg). 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/cm<sup>2</sup>) 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. Application Instructions are provided with each pallet in a weather resistant enclosure.

**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, 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.