

# DEERY<sup>BRAND</sup> LOOP PAVEMENT PRESERVATION PRODUCTS SEALANT LW

HOT APPLIED SEALANT, Part No. 80441

PRODUCT DATA SHEET  
FEBRUARY 2011

**DESCRIPTION** DEERY Loop Sealant LW is a single component, hot melt, rubberized asphalt sealant designed for use in the installation of traffic detection devices. DEERY Loop Sealant LW conforms to the requirements of Hot-Melt Rubberized Asphalt "Detector Loop Sealant". VOC=0 g/l.

**GENERAL COMPOSITION** Ingredients include a mixture of asphalt and other modifiers formulated to create a stiff non-tracking sealant capable of sealing sawed cuts containing traffic detection devices.

**USE** DEERY Loop Sealant LW is a pre-reacted sealant which can be applied immediately after application temperature is reached. DEERY Loop Sealant LW must be heated in a jacketed, agitated melter utilizing oil as a heat transfer medium and designed for melting and installing hot applied loop sealant.

## PHYSICAL PROPERTIES & SPECIFICATION COMPLIANCE

<u>TEST</u>	<u>TEST METHOD</u>	<u>DEERY LOOP SEALANT LW PARAMETERS</u>
Softening Point	ASTM D-36	210°F (99°C) minimum
Penetration @ 125°F (52°C), 50 g, 5 sec.	ASTM D-5	50 dmm maximum
Penetration @ 77°F (25°C), 100 g, 5 sec.	ASTM D-5329	10-35 dmm
Ductility @ 77°F (25°C)	ASTM D-113	15 cm minimum
Viscosity, Brookfield @ 400°F (204°C)	ASTM D-36	75 poise maximum
Weight Per Gallon @ 60°F		8.7 lbs Approximately
Resilience @ 77°F (25°C)	ASTM D-5329	25% minimum
Safe Heating Temperature		400°F (204°C)
Recommended Application Temperature		380-400°F (193-204°C)**

\*\*Temperature of sealant measured at pavement surface. Use Maximum Application Temperature in cool weather.

**PACKAGING** Material is packaged in cardboard boxes sized to accommodate a maximum of 40 lb (18.0 kg). Material contained in each box is wrapped in a quick melt liner which is dissolved and incorporated into the melted product. Standard packaging is 30 lb (13.6 kg) per box, palletized 75 boxes per pallet with an approximate net weight of 2,250 lb (1,021.0 kg). Pallets are moisture protected with a plastic wrapping and bound with a minimum of two layers of UV resistant stretch wrap.

### FOR ADDITIONAL INFORMATION

Call: 1-800-227-4059 toll free  
Email: [info@deeryamerican.com](mailto:info@deeryamerican.com)  
Web: [www.deeryamerican.com](http://www.deeryamerican.com)

**PERFORMANCE** Temperature fluctuations, site conditions, surface preparation, traffic, installation technique, material selection, shape factor and surface treatment compatibility influence the effectiveness and useful life of Pavement Preservation treatments. Consider and monitor each element for optimum results. Purchaser and end user should determine applicability for use in their specific conditions.

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



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