

Redicote[®] E-6945

Co-emulsifier and stabilizer for slow-setting anionic bitumen emulsions used in sealcoats, slurry seal and non paving applications

Benefits and features

- Mixing stability:**
 Redicote E-6945 acts to stabilize anionic slow set emulsions, allowing the incorporation of clays and other reactive fillers
- Simple to use:**
 Redicote E-6945 is a low viscosity, water-soluble product which when used with Redicote E-7000 allows the production of anionic emulsions without the need for alkali, and which pass the cement mix test

Storage and handling

Redicote E-6945 contains water. Stainless steel or lined, or polymer tanks are recommended. Redicote E-6945 is compatible with polyethylene and polypropylene. Product stored in bulk does not normally need to be heated, but protect from freezing. Redicote E-6945 is a concentrated surfactant and is irritating to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Redicote E-6945 is available in bulk shipments, in tight head polyethylene drums of 530 lbs (240 kg) net weight or in one-way totes (IBCs) of 2200 lbs (998 kg) net weight.

Dosage

Anionic emulsion for sealcoat	1.0-3.0%	pH 7-12
Anionic slow-set emulsion for tack and prime	0.5-2.0%	pH 7-12

Potassium hydroxide may be used

Specification

Solids, %	min 45	SMA CL002
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Physical properties

Appearance at 25°C	viscous liquid			
Flash point, °C	>100 (>212°F)			
Pour point, °C	5 (41°F)			
pH	7.5-10			

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	1.21	1.21	1.20	1.20	
Density, lbs/U.S. gal	10.1	10.1	10.0	10.0	
Viscosity, mPa s (cP)	60	42	33	28	

Physical properties are typical data based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

For more information and sample formulations contact us at asphalt@nouryon.com.

USA and Canada

Chicago, USA
T +1 800 906 9977

South America

Itupeva, Brazil
T +55 11 4591 8938

**Central America
and Caribbean**

Mexico City, Mexico
T +52 55 5261 7895

China

Shanghai, China
T +86 21 2220 5000

South East Asia

Singapore
T +65 6635 5183

India

Mumbai, India
T +91 22 6842 6700

Europe

Stenungsund, Sweden
T +46 303 850 00

Middle East

Dubai, United Arab Emirates
T +971 4247 1500

Russia

Moscow, Russia
T +7 495 766 1606

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We are a global specialty chemicals leader. Markets worldwide rely on our essential chemistry in the manufacture of everyday products such as paper, plastics, building materials, food, pharmaceuticals, and personal care items. Building on our nearly 400-year history, the dedication of our 10,000 employees, and our shared commitment to business growth, strong financial performance, safety, sustainability, and innovation, we have established a world-class business and built strong partnerships with our customers.

We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Eka, Dissolvine, Trigonox, and Berol.

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