

Redicote® C-471-S

Emulsifier for cationic quick-set bitumen emulsions for slurry and micro surfacing

Benefits and features

- Suitable for low reactive aggregates**
 Cationic quick-set emulsions made with Redicote C-471-S build cohesion rapidly even with unreactive aggregates
- Medium and low reactive aggregates**
 The product can be used together with Redicote C-450-S or Redicote C-500-1 to provide emulsion recipes suitable for a wide range of aggregate reactivity
- Easy handling**
 The product is relatively low viscosity and dissolves easily in soap phase

Storage and handling

Redicote C-471-S may be stored in carbon steel tanks. Bulk storage should be maintained at 15-40°C (59-104°F). Avoid extended heating above 65°C (150°F). Protect against exposure to moisture. Redicote C-471-S contains amines and may cause severe irritation or burns 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 C-471-S is available in bulk shipment, in tight head steel drums of 400 lbs (181 kg) net weight, or in one-way totes (IBCs) of 2000 lbs (907 kg) net weight.

Dosage

Cationic quick set emulsion	0.7-1.5%	pH 1-3 hydrochloric acid
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Specification

Amine value, mg KOH/g	425-460	SMA CL002
Water, %	max 1	SMA CL007

Physical properties

Appearance at 25°C (77°F)	liquid			
Flash point, °C	220 (428°F)			
Pour point, °C	-5 (23°F)			

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	0.96	0.96	0.96	0.95	
Density, lbs/U.S. gal	8.04	7.99	7.93	7.87	
Viscosity, mPa.s (cP)	950	390	190	100	

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

Notes

For regulatory reasons this product is not available within the US, Canada, EU and China.

Contact us directly for detailed product information and sample request
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Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

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