

Redicote® C-450

Emulsifier for cationic quick set bitumen emulsions for slurry and micro surfacing. Break retarder for quick set slurry surfacing and micro surfacing.

Benefits and features

- High reactive aggregates**
 Cationic quick-set emulsions made with Redicote C-450 provide mix time even with reactive aggregates and in hot weather conditions
- Medium and low reactive aggregates**
 Used together with Redicote C-471 it provides emulsion recipes suitable for a wide range of aggregate reactivity and field conditions
- Water-soluble**
 Its low viscosity and water solubility make it an ideal break retarder for slurry systems
- Micro surfacing**
 Emulsions formulated with Redicote C-450 can meet specifications for micro surfacing as well as quick-set slurry surfacing

Storage and handling

Redicote C-450 may be stored in carbon steel tanks. Bulk storage should be maintained at 25-50°C (77-122°F). Avoid extended heating above 65°C (150°F). Protect against exposure to moisture. Redicote C-450 contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be worn when handling this product.. For further information consult the Safety Data Sheet.

Packaging information

Redicote C-450 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	445-485	SMA CL002
Water, %	max 1	SMA CL007

Physical properties

Appearance at 25°C (77°F)	liquid			
Flash point, °C	200 (392°F)			
Pour point, °C	-5 (23°F)			

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	0.97	0.96	0.96	0.95	
Density, lbs/U.S. gal	8.08	8.04	8.00	7.96	
Viscosity, mPa.s (cP)	8700	3100	1350	650	

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

Contact us directly for detailed product information and sample request
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Nouryon

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