

## Redicote® C-519

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-519 provide good mix time even with reactive aggregates and in hot weather conditions
- Medium and low reactive aggregates**  
 Can be used in conjunction with Redicote C-471 to provide emulsion formulations suitable for a wide range of aggregate reactivity and field conditions that builds good cohesion with desired workability
- Water-soluble**  
 Its low viscosity and water solubility make it an ideal break retarder for micro surfacing or modified slurry systems
- Micro surfacing**  
 Emulsions formulated with Redicote C-519 meet specifications for micro surfacing as well as quickset and modified slurry surfacing quick-set slurry surfacing
- Performance**  
 Redicote C-519 can give increased cohesion properties providing faster return to traffic and excellent adhesion for improved durability

### Storage and handling

Redicote C-519 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-519 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.

### 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	<-15 (<5°F)

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc		0.96	0.95	0.95	
Density, lbs/U.S. gal		8.00	7.94	7.89	
Viscosity, mPa.s (cP)		853	437	230	

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

### Packaging information

Redicote C-519 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.

Contact us directly for detailed product information and sample request  
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# Nouryon

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