

REDICOTE® C-471

Application Redicote C-471 is a cationic asphalt emulsifier formulated for use in quick-set slurry seal and microsurfacing emulsions.

Advantages

- *Suitable for Unreactive Aggregates:* Cationic quick-set emulsions made with Redicote C-471 build cohesion with even unreactive aggregates.

<i>Typical Emulsion Formulation</i>		<i>Microsurfacing</i>
Asphalt		62
Redicote C-471		0.8 - 1.5
Hydrochloric acid*		0.6 - 1.3
pH soap		1.0 - 2.5
Polymer (as solids)		2.0 - 3.0
Water		to 100

*22° Baume or 35 wt %

Physical Properties					
Appearance at 25°C		Brown liquid			
Pour Point, °C		<0 (<32°F)			
Flash point, °C		>200 (>392°F)			
		10	20	30	40 °C
		50	68	86	104 °F
Viscosity, mPa.s (cP)		3800	1700	900	400
Density, g/cc		0.98	0.98	0.97	0.96
Density, lbs./gal		8.19	8.16	8.11	8.04

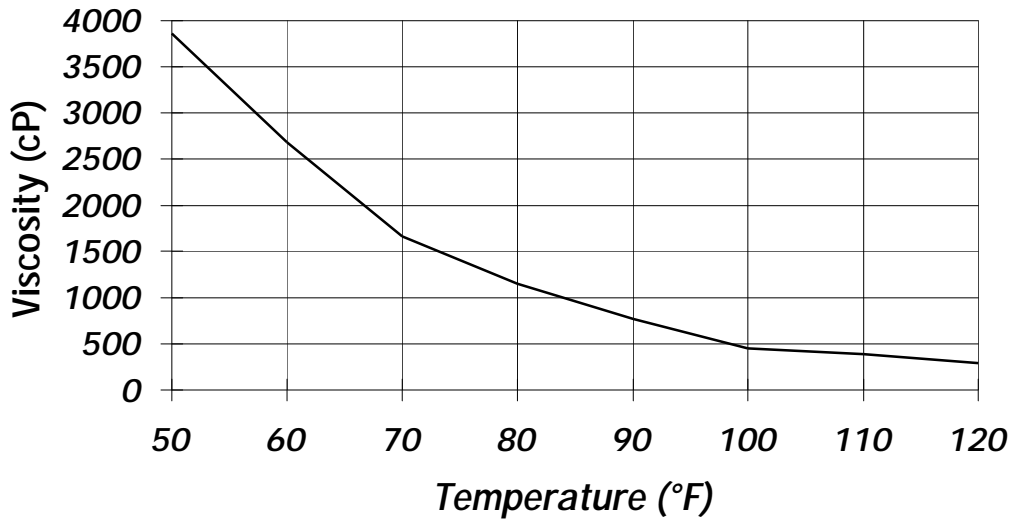
See reverse for additional data

Storage and Handling Redicote C-471 may be stored in carbon steel tanks. Bulk stores should be maintained at 15-40°C (60-105°F). Avoid heating to above 65°C (150°F). Protect against exposure to moisture.

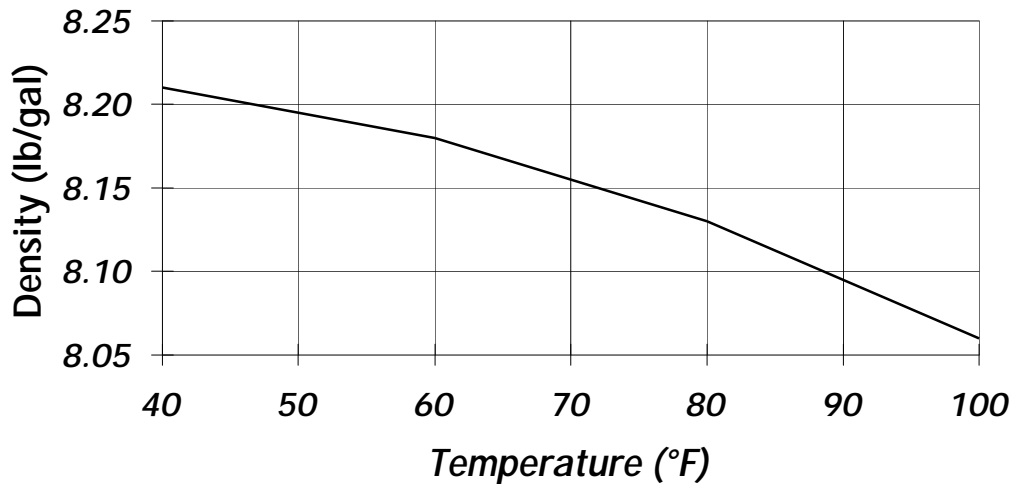
Redicote C-471 contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be used when handling this product. For further information consult the Material Safety Data Sheet.

Packaging Information Redicote C-471 is available in bulk shipments or in 55-gallon tight-head drums of 400 lbs. (182 kg.) net weight.

Viscosity vs. Temperature



Density vs. Temperature



All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel Chemicals Inc., however, makes no warranty as to the accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. Buyer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued bulletins on the subject matter covered.