

REDICOTE® C-404

Application Emulsifier for use in cationic quick-set emulsions for slurry seal and microsurfacing. Break retarder in quick-set slurry seal and microsurfacing applications to extend the mix time.

Advantages

- *Good Cohesion Development:* Slurry surfacings made with Redicote C-404 emulsions show good cohesion development, even at low temperatures, with aggregates with intermediate reactivity.

Typical Emulsion Formulation		<i>CQS-1P</i>
	Asphalt	62
	Redicote C-404	0.8 - 1.5
	Hydrochloric acid*	0.7 - 1.4
	pH soap	1.0 - 2.5
	Polymer (as solids)	2.0 - 3.0
	Water	to 100

*22° Baume or 35 wt %.

Lower soap pH gives better cohesion development in cool weather.

Break Retarder in Slurry Surfacing 0.01% to 0.05% by the weight of the dry aggregate.

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)	1150	550	250	150	
	Density, g/cc	0.96	0.95	0.95	0.94	
	Density, lbs./gal	8.00	7.96	7.93	7.89	

See reverse for additional data

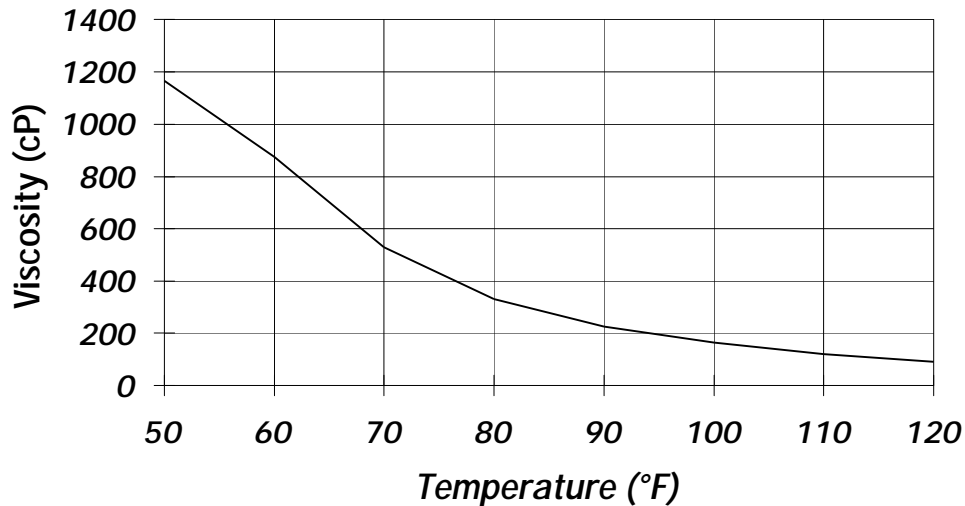
Storage and Handling Redicote C-404 may be stored in carbon steel tanks. Bulk stores should be maintained between 10–35°C (50–95°F). Avoid heating above 65°C (150°F). Protect against exposure to moisture.

Redicote C-404 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.

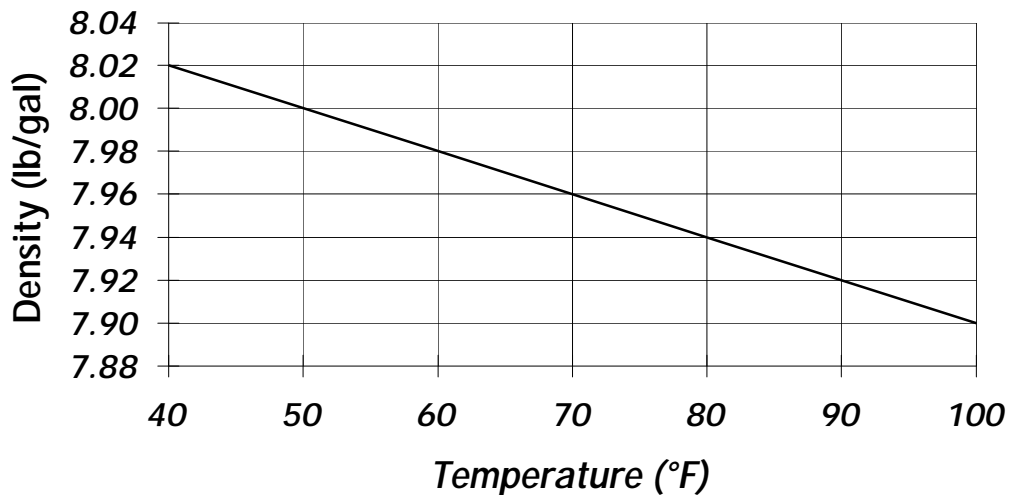
**Packaging
Information**

Redicote C-404 is available in bulk delivery or in 55-gallon tight-head drums, of 400 lb. (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.