

### REDICOTE® C-4042

**Application** Redicote C-4042 is a cationic asphalt emulsifier formulated for use in quickset slurry seal and microsurfacing asphalt emulsions. Redicote C-4042 can also be used as a break retarder in quickset slurry seal and microsurfacing applications to extend the mix time.

**Advantages** Cationic quickset emulsions made with Redicote C-4042 can be used in microsurfacing applications with unreactive aggregates.

<b>Typical</b>	Redicote C-4042	0.8 - 1.5
<b>Emulsion</b>	Hydrochloric acid*	0.7 - 1.4
<b>Formulation</b>	Asphalt	62
	Polymer (as solids)	2.0 - 3.0
	Water	to 100

\*22° Baume or 35 wt %

A final pH of 1.0 to 2.5 for the Redicote C-4042 soap solution is recommended. The lower pH levels may be required to achieve the desired performance for application in cooler weather conditions.

**Break Retarder Dosage** Redicote C-4042 can be used as a break retarder in the concentrated form at a rate of 0.01% to 0.05% by the weight of the dry aggregate.

<b>Physical Properties</b>	Appearance at 25°C	Brown liquid				
	Pour Point, °C	0 (32°F)				
	Flash point (closed cup), °C	>200 (>392°F)				
		10	20	30	40	°C
		50	68	86	104	°F
	Viscosity, mPa.s (cP)	2100	850	450	200	
	Density, g/cc	0.96	0.95	0.95	0.94	
	Density, lbs./gal	7.99	7.97	7.94	7.90	

See reverse for additional data

**Storage and Handling** Redicote C-4042 should not be stored at temperatures in excess of 65°C (150°F) and should be safeguarded against exposure to moisture.

Redicote C-4042 contains amines and should be handled with care. Protective gloves and safety goggles should be used during handling. For further information see the Material Safety Data Sheet.

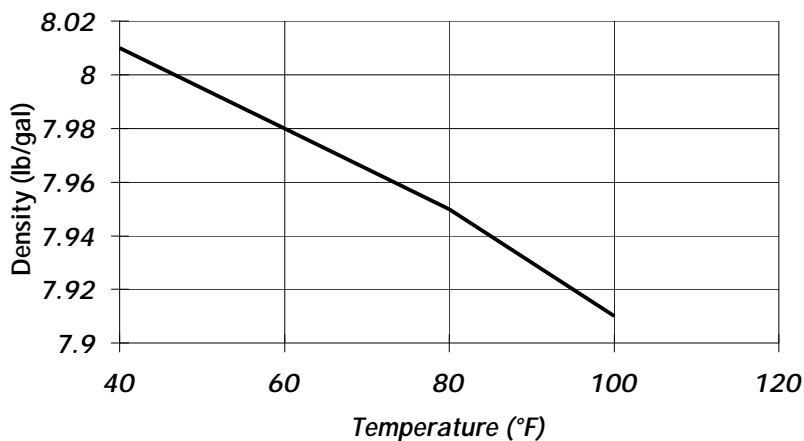
---

**Packaging  
Information**

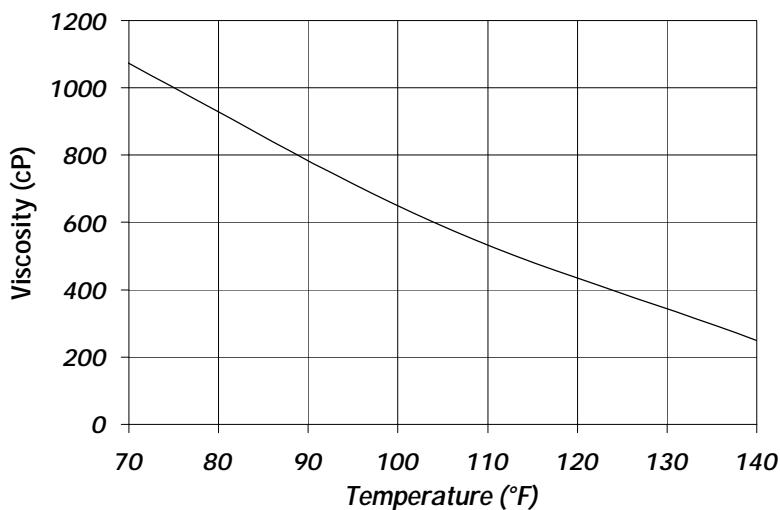
Redicote C-4042 is available in bulk or in 55-gallon tight head drums, 400 lbs. (182 kg.) net.

---

**Density vs. Temperature**



**Viscosity 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.