

REDICOTE® E-11

Application Emulsifier for cationic slow-setting asphalt emulsions. Break control additive for slurry surfacing.

Advantages

- *Good Quality Emulsions at Low Use Levels:* Redicote E-11 gives emulsions of good quality with a wide range of asphalts at a relatively low use level. Emulsion viscosity and storage stability are typically better than other CSS emulsifiers.
- *Slurry Seal:* Emulsions prepared using Redicote E-11 provide mix time with a variety of aggregates and the strong cationic nature of the emulsifier ensures good water resistance of the seal.
- *Easy Handling:* The low viscosity, low pour point and water solubility of Redicote E-11 makes it easy to use both as emulsifier and as a break control additive (retarder) for slurry.

Typical Emulsion Formulation		<i>CSS-1h</i>
	Asphalt	57+
	Redicote E-11	0.6 - 1.2
	Hydrochloric acid*	0 - 0.02
	pH soap	2.0 - 6.0
	Calcium chloride	0 - 0.1
	Water	to 100

*22°Baume or 35% wt. %

Physical Properties	Appearance at 25°C	yellow liquid				
	Pour point, °C	-15 (5°F)				
	Cloud point, °C	-10 (14°F)				
	Flash point, °C	12 (54°F)				
		10	20	30	40	°C
		50	68	86	104	°F
	Viscosity, mPa.s (cP)	72	43	40	37	
	Density, g/cc	0.94	0.93	0.92	0.91	
	Density, lbs./gal	7.79	7.71	7.64	7.57	

See reverse for additional data

Storage and Handling Redicote E-11 contains 2-propanol, keep away from sources of ignition. Redicote E-11 contains water and chloride ion and 316 and 317L stainless steels or glass or polymer lined tanks are recommended. Bulk storage need not be heated.

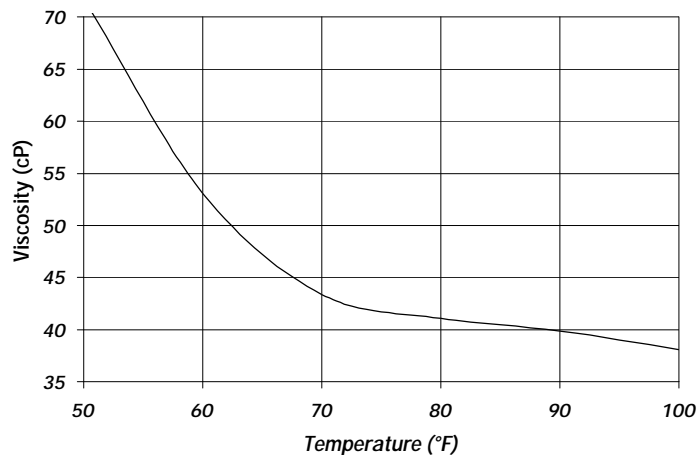
Redicote E-11

Redicote E-11 contains quaternary amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Material Safety Data Sheet.

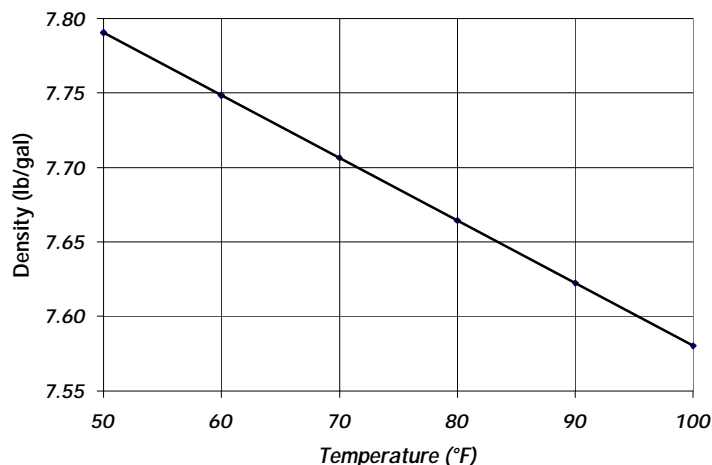
Packaging Information

Redicote E-11 is available in bulk shipments or in 55-gallon tight head drums of 415 lbs. (189kg) net weight.

Viscosity vs. Temperature



Density vs. Temperature



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