

### REDICOTE® E-605

#### Application

Emulsifier and co-emulsifier for cationic slow and medium setting emulsions.

#### Advantages

- **High Flash Point:** Redicote E-605 does not contain volatile or flammable solvents, which means easier storage and safer handling.
- **Small Particle Size:** Emulsions produced using Redicote E-605 have exceptionally small particle size suitable for prime and tack coats and emulsions for dust control.
- **Co-Emulsifier:** Redicote E-605 is a versatile co-emulsifier used to improve the mixing behavior of cationic medium-setting emulsions or to provide a quicker curing to slow-setting emulsions.
- **Water-soluble:** Acids are not required to produce soap phase with Redicote E-605.

#### Typical Emulsion Formulation

	CMS-2	CMS-2	CSS-1
Asphalt	65	65	65
Redicote E-605	0.60 – 1.2	0.30 - 0.50	1.2 – 2.0
Redicote E-4819		0.15 - 0.25	
Hydrochloric acid*	0 - 0.02	0.08 - 0.20	0 - 0.02
pH soap	2.0 - 6.0	1.0 - 4.5	2 – 4
Calcium chloride	0 – 0.1	0 - 0.1	0 - 0.1
Petroleum distillate	3 – 12	3 - 12	
Water	to 100	to 100	to 100

\*22°Baume or 35% wt %

#### Physical Properties

Appearance at 25°C	yellow liquid				
Pour Point, °C	10 (50°F)				
Cloud point, °C	15 (59°F)				
Flash point, °C	>100 (>212°F)				
	10	20	30	40	°C
	50	68	86	104	°F
Viscosity, mPa.s (cP)	23	20	18	16	
Density, g/cc	0.97	0.97	0.96	0.96	
Density, lbs./gal	8.12	8.08	8.05	8.02	

See reverse for additional data

#### Storage and Handling

Redicote E-605 contains water and 316 or 317L stainless steel, glass or polymer lined tanks are recommended. Redicote E-605 is compatible with polyethylene and polypropylene. Bulk stores should be maintained at 15-25°C (59-77°F).

Redicote E-605 contains quaternary amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this material. For further information consult the Material Safety Data Sheet.

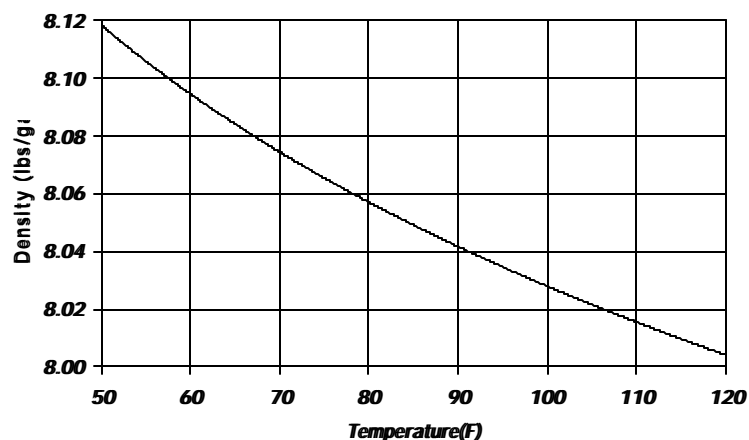
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**Packaging  
Information**

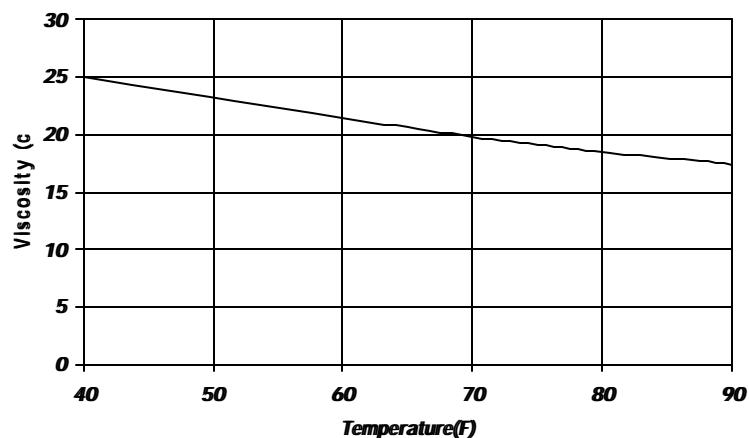
Redicote E-605 is available in bulk shipments or in 55-gallon tight head drums of 400 lbs. (182kg) net weight.

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**Density vs. Temperature**



**Viscosity vs. Temperature**



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