

Technical Information

Tomamine® PA-14 Acetate Surfactant

Description

Tomamine® PA-14 Acetate surfactant is a specially formulated 100% active cationic amine salt designed for use in gelling and wetting of various clays, fillers, and fibers in organic coatings and sealants.

Advantages

- Provides better viscosity and stability versus traditionally used quaternaries and other surfactants
- Provides the highest clay/surfactant ratio which results in lower formulation costs
- 100% active
- Non-flammable
- Liquid product is easy to handle
- Effective in a wide variety of solvent systems

Formulating Hints

1. It is critical that the optimum clay/surfactant ratio is established for the system.
2. Type of asphalt can affect viscosity; a pre-gel process may be required.
3. Viscosity stability should be measured at the following intervals during the testing phase: 24 hours, 48 hours, 5 days, 2 weeks, and 30 days.

Typical properties

Appearance at 20°C	Thick amber liquid
Total Amine Value	188-208
Gardner Color, max	11
Neutralization %	95-105
Water %, max	1.0
Specific Gravity at 25°C	0.93
Viscosity at 20 °C	1500 cPs
Melting Point, °C	-17.8 °C
Boiling range, °C	>104.4 °C
Flash point, °C	>93.9

Applications

- Non-asbestos roof coatings
- Tile adhesives and cements
- Oil based caulks
- Pipe coatings
- Automotive body sealers and fillers
- Automotive under coatings and sound deadeners
- Alkyd paints
- Foundry coatings
- Solvent based polymeric and elastomeric resins

Storage and Handling

Tomamine® PA-14 Acetate surfactant should be stored under dry and clean conditions between -10 °C and 50 °C. Please refer to Material Safety Data Sheet.

Shelf-Life

12 months from the date of manufacture.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

06/2017

For Technical Information, Support and Samples:

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