EASTMAN

Technical Data Sheet

Vantex™-T

Applications

- Paints & coatings

Key Attributes

- Enables paint producers to make lower odor paints
- Enables the use of a broad range of resins types
- Excellent multifunctional performance
- Excellent water resistance, durability and overall performance

Product Description

Vantex™ T is available as a colorless to light yellow liquid with a slight amine-like odor.

This pioneering amine additive is changing the world of paints and coatings by enabling environmentally friendly, low-odor, low VOC formulations.

Vantex™ T is a neutralization amine additive that will allow paint manufacturers to formulate high quality paints, having virtually no amine odor. The product has a very low vapor pressure, with virtually no odor. It can be used as a replacement for current paint neutralization systems.

VOC contribution is dependent on region and test method. In the U.S., testing by EPA Method 24 shows that this product does not contribute to the VOC content. However, ASTM D6886 with methyl palmitate as the GC marker shows that it is a VOC. In Europe, this product is not considered a VOC by article 5 of EU directive 2004/42/EC due to the boiling point being above 250°C.

Typical Properties

Property	Typical Value, Units
General	
Boiling Point @ 760 mm Hg	283 °C
Coefficient of cubical expansion	0.0008/ °C
Density @ 20°C	0.963-0.980 g/cm^3
Dissociation constant, pKa	8.9
Flash Point Closed Cup	141 °C
Freezing Point	-70 °C
Molecular Weight	161.3 g/mol
Octanol-water partition coefficient, log Pow	0.48
Refractive Index @ 20°C	1.462-1.468
Vapor Density	5.5 g/cm^3
Vapor Pressure @ 25°C	<0.01 hPa
Viscosity @ 15°C	100 mPa·s
Water solubility	Completely soluble

Packaging

- Bulk
- Plastic drums (195 kg net)
- IBC containers (925 kg net)

Storage

The useful life of this product can be affected by storage and handling conditions. When stored in the original unopened container in an enclosed area and protected from moisture, extreme temperatures and contamination, the shelf life of this product is estimated to continue to meet applicable sales specifications for 2 years from the date of manufacture. Shelf Life is a guide not an absolute value. The product should be reanalyzed for critical properties at the end of its shelf life to see if it meets specification for use.

2/28/2018 11:35:39 AM