
AHA6316

Curing Accelerator for powder coatings

Description

AHA6316 is a special quaternary ammonium compound that can be used as internal catalyst for carboxyl terminated polyester resin to provide lower cure temperature or shorten baking time. It may also be used as curing accelerator for EP, EP/polyester hybrid and polyester/TGIC based powder coatings to improve curing performance.

Specification

Appearance	White color crystal
Melting ranges (°C)	210 -215
Purity (%)	98.5 min.
Volatiles (%)	0.5 max.

Characteristics

- Impart better catalytic activity and thermal stability.
- It can be incorporated directly into coating powder to improve curing performance.
- Unlike above quaternary ammonium compounds, its handling is more easily because this product is free flowing, non-hygroscopic crystalline solid.

Use method and levels

AHA6316 is either incorporated directly into formulations of powder coating or into the molten polyester resin in reactor at that stage prior to discharging, then stirring mixture fully. The use levels may be 0.1-1% by total weights of formulation depending on requirements.

Storage

Store in temperature between 2 and 30°C or cool dry place to avoid wetting-absorption and caking. Keep package closed after using. Keep away from fire. Based on our experience the shelf life of this product is at least 3 years.

Package

Package with PE lined paper plate-drum. Net weight 20Kg per drum.

Version II-11-2023

Notice:

The key technical data or specifications for the above product described in this paper may be changed from time to time due to improvement constantly. AHA reserves the right to change the specifications of its products without prior notice.

Although the information in this paper is based on our own investigation and is believed reliable, **AHA** can not assume any responsibility for performance or results obtained through the use of our products herein described. Neither we nor our agents shall be liable for any injury, loss or damages directly or indirectly caused by our products. The user is held to check the quality, safety and all other properties of our product before using. Nothing herein is to be taken as permission or recommendation to practice any patented invention without a license.