

## Technical Data Sheet

### AHA1045

#### Polymer texture additive for powder coatings

#### Description

**AHA1045** is a special polymer additive designed as texture agent for all typical powder coatings with structure effects, esp. hammertones, veins and antiques. For this product addition is required by means of dry blending process or post addition.

#### Typical physical data

Appearance	[visual]	Off-white powder
Density (g/cm <sup>3</sup> )		ca. 1,1
Volatiles (%)		≤2.0

*Herein described to be typical properties and do not constitute specification limits.*

#### Application

**AHA1045** is mainly used in:

- Epoxy
- Polyester – TGIC
- Polyester – Primid
- Hybrid

#### Advantages:

- Homogeneous and reproducible texture effects
- Provides unsurpassed texture uniformity

#### Use level

Approx. 0.5-1.0% by weight, calculated on total formulation, depending on surface finishes desired.

#### Incorporation

**AHA1045** is added by thorough dry blending under low shear conditions into a finished texture base powder. The following pictured mixer is especially recommended:

#### *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.*

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Texture patterns are influenced by blending intensity, coating chemistry, formulation parameters, including rheology, application, film thickness, and cure rate. In general, for dosage the more added, the tighter pattern exhibited, otherwise looser and sparser.

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### **Regulatory status**

**AHA1045** complies with TSCA (USA), DSL/NDL (Canada) and IECSC(China).

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### **Storage**

Store in temperature between 2 and 30°C or cool dry place to avoid caking. Keep package closed after using. Keep away from fire.

Based on our experience the shelf life of this product is at least 1 year.

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### **Package**

Packing with PE lined paper plate-drum. Net weight 25 Kg per drum.

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### **Warning**

***This product contains special silicone surfactant, therefore good housekeeping procedures are required to prevent cross contamination with other powder coatings. The user should be fully aware of this potential risk that it is possible resulting in other powder coating with severed film defaults such as pinholes, craters and bare substrate. In handling of it AHA1045 has to be kept in a separated unit as well as away from other coating ingredients.***

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