

## DeuRheo 556S

### Rheological Additive

#### GENERAL INFORMATION

**DeuRheo 556S** is a co-polymeric-wax dispersions, can be used to improve the orientation of effect metallic pigment.

#### CHEMICAL & PHYSICAL PROPERTIES

|                      |  |
|----------------------|--|
| Composition          | ethylene-vinyl acetate copolymer           |
| Appearance           | white flowable paste                       |
| Non-volatile content | 5.5 - 6.5 %                                |
| Solvent              | n-butyl acetate / xylene / n-butyl alcohol |
| Specific gravity     | ca. 0.88                                   |

These are typical properties not to be used for specification purposes.

#### APPLICATIONS

- Metallic paint

#### KEY PROPERTIES

- To improve orientation of effect pigment like aluminum, mica, etc.
- To enhance flip-flop effect.
- To reduce sedimentation tendency in the cans.

#### INCORPORATION

**DeuRheo 556S** should be stirred with high speed for 15 - 30 minutes, and then is filtrated before use.

**DeuRheo 556S** should be added before CAB.

Recommendation: regarding to the optimal dispersing efficiency, please disperse with resin before formula with effective pigment.

#### LEVELS OF USE

80 - 150 % based on aluminium paste, please check the optimum dosage before use.

#### HEALTH AND SAFETY

The product should be tightly closed, otherwise it would appearance crusting or dry up, please remove it, in order to get the good results.

Please test to find the optimum dosage before practical use.

This product's thixotropy is very high, viscosity may be non-uniform in storage, but is normal. Be sure to stir it before use, and make it run out as far as possible.

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

#### STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C (use it when temperature goes back to 25 °C).

Packaging not to be exposed directly under heat radiation.

#### SHELF LIFE

**DeuRheo 556S** has a shelf life of 18 months from date of manufacture.

#### QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

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