

## AU-151

### Rheological Additive

#### GENERAL INFORMATION

**AU-151** is used for unsaturated polyester, vinyl resin and epoxy resin, can be promote and stable thixotropy with fumed silica.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	modified polyamide compound
Appearance	yellow to yellow-brown liquid
Non-volatile content	50 - 54 %
Solvent	xylene / aromatic hydrocarbon solvent / isobutyl alcohol
Specific gravity	0.90 - 0.94

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

#### APPLICATIONS

- Unsaturated polyester
- Vinyl resins
- Epoxy resins

#### KEY PROPERTIES

- To enhance wetting and dispersion of fumed silica.
- To promote and stabilize thixotropy.
- To reduce or prevent separation of fumed silica in low thixotropic system.
- AU-151 can be post-added to adjust thixotropy.

#### INCORPORATION

Premix with resin and then add fumed silica to fully obtain thixotropy.

Post-add to final product to adjust thixotropy.

#### LEVELS OF USE

Prevent separation of fumed silica: 5 -10 % based on fumed silica.

Increase and stabilize thixotropy of UP and epoxy: 10 - 30 % based on fumed silica.

Increase and stabilize thixotropy of vinyl resin: 20 - 50 % based on fumed silica.

#### HEALTH AND SAFETY

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.

It is sensitive to moisture and should therefore be stored in its sealed original containers.

#### SHELF LIFE

**AU-151** has a shelf life of 18 months from date of manufacture.

#### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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