

## DeuAdd HM-6

### Hammertone Agent

#### GENERAL INFORMATION

**DeuAdd HM-6** is a silicone additive used in aluminium paint to produce fine hammertone effect.

#### CHEMICAL & PHYSICAL PROPERTIES

Composition	high molecular weight silicone
Appearance	clear to slight hazy liquid
Non-volatile content	9 - 11 %
Solvent	xylene
Specific gravity	0.86 - 0.88
Dynamic viscosity	100 - 150 cP (25 °C)

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

#### APPLICATIONS

Solvent-based aluminum paint systems

- Baking enamel
- Air-dry alkyd
- Lacquer

#### KEY PROPERTIES

- Viscosity instability is frequently encountered when formulating paints which contain acidic vehicle and basic pigment.
- To prevent viscosity increase and gelling of air drying and backing enamel storage.

#### INCORPORATION

Lower dosage produces coarse pattern. In contrast, higher dosage gets fine texture, however, compatibility and storage stability should be checked. Incorporation is made during let-down or color matching. Special care should be taken to avoid contamination to other products.

**DeuAdd HM-6** can be pre-diluted before incorporation with solvents such as toluene, xylene, mineral spirit or ketones.

#### LEVELS OF USE

0.05 - 0.5 % based on total formulation weight.

#### 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.

Special care be taken to avoid **DeuAdd HM-6** contamination to other products.

Texture may vary in different batches of paint produced, or even same batch that sprayed at different time. It is recommended to spray and adjust pattern with each batch.

However, compatibility and storage stability should be checked.

#### 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).

#### SHELF LIFE

**DeuAdd HM-6** has a shelf life of 3 (three) years 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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