



# 淮安市上研化工有限公司

## AMORSO-139D

### Solvent-borne Smooth Gloss Enhancing Wear Resistant Agent

#### Introduction:

Among the smooth and wear-resisting agents with re-coating property, AMORSO-139D has high molecular weight with best smooth property. A small addition amount can achieve very good result. It is also very good at reducing the interface tension of the system and improving the leveling effect.

AMORSO-139D is a water-borne and solvent-borne smooth flat and wear-resistant enhancer, due to good compatibility, it can be used in various coatings, such as primer, topcoat, matting paint and transparent gold oil; in printing ink field, it can improve wear resistance, wettability and prevent pinholes and markings because of the decrease of interfacial tension.

AMORSO-139D is partially soluble in water, completely soluble in alcohol, esters, ketones and aromatic solvents.

#### Features:

- oily smooth hand feeling, extremely effective in improving the permanent smoothness of the coating, the wear resistance and scratch resistance
- improve leveling and gloss, effectively increase coating's hardness and anti-adhesion ability
- it can improve the orientation of matting agent and aluminum powder and the wettability of pigment and prevent the creation of Bernard vortex
- can obviously improve the gloss, weather resistance and brightness of the coating
- interlayer adhesion will not be reduced in re-coating
- high temperature resistance ability is excellent

#### Technical data:

Composition: organosiloxane

Appearance: light yellow liquid

Non-volatile part: 13.5% ± 2.0%

#### Applications:

- car coating
- construction coating
- anti-corrosion coating
- package spraying coating
- wood furniture
- printing ink
- industrial coating

#### Usage and dosage:

[The above data and specification is only for reference, customer should do the test based on different application and requirement to see if it is appropriate and suitable for their usage. ]

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For the whole amount, 0.3% of the total formula, add after grinding.

**Package:**

- 25kg plastic barrel

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