



Defoamer U-536 TDS

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Disclaimer: In view of the limitations of the additive function and the diversity of user requirements, please strictly test the applicability of the additive and the stability of the final product according to your own requirements before use. The above information is for reference only, and our company does not make legal guarantees or bear any legal responsibilities.

1. Product Basic Information

Item	Details
Product Name	Defoamer
Product Model	U-536
Composition	Polysiloxane compound containing hydrophobic particles
Appearance	Translucent to turbid liquid
Non-volatile Content	> 97%

2. Product Features and Uses

- Excellent defoaming and foam-suppressing properties, suitable for eliminating microbubbles in high-viscosity and solvent-free systems.

3. Core Technical Parameters

Test Item	Technical Index
Non-volatile Content	> 97%
Storage Period	One year (12 months)

4. Application Scope

Especially suitable for epoxy floor coatings, screen printing inks, UV inks, unsaturated polyester systems, etc.

5. Recommended Dosage

The dosage is 0.01-1.00% of the total amount of coating. Adding it before grinding or stirring has the best foam-suppressing effect; it can also be added afterwards, but it must be stirred evenly. Its compatibility needs to be inspected when used in transparent systems. Due to the high active content, it can be pre-diluted to 10% with aromatic solvents before adding. Since hydrophobic particles are prone to precipitation, it is recommended to use them immediately after dilution.

6. Precautions

- U-536 product is contained in a sealed square plastic bucket, please confirm the packaging is intact before use. This product has thixotropy, and its viscosity tends to increase after long-term storage or at low temperatures, which is a normal phenomenon. It is recommended to stir evenly before operation to facilitate use. This product should be stored in a cool, dry and well-ventilated warehouse, avoiding direct sunlight as much as possible, and keeping away from heat sources and fire sources.
- The storage period of U-536 product is one year. After the storage period, please re-test the product performance and confirm it is qualified before use.

7. Common Problems and Solutions

Common Problems	Solutions
Poor defoaming/foam-suppressing effect	Adjust the dosage to the recommended range, add before grinding or stirring, and ensure thorough stirring; pre-dilute with aromatic solvents if necessary.
Product viscosity increases	This is a normal thixotropic phenomenon, stir evenly before use to restore fluidity.
Precipitation of hydrophobic particles	Stir evenly before use; if pre-diluted, use it immediately after dilution to avoid precipitation.