



Curing accelerator

Overview

PU-33 is an organotin compound-based curing accelerator. In addition to considering the product's catalytic efficiency for polyurethane, we have also thoroughly evaluated its non-toxicity, extended lifespan, high efficiency, latent activity, and catalytic efficiency at low temperatures $(0\,\mathrm{C})$.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Modified tetravalent organotin compound
Metal tin content	33.0 ±1.0 %	Solvent	None
Density	1.03 g/ml		

Characteristics and **Advantages**

- It is a high-efficiency PU curing accelerator. Compared to traditional DBTL types, it has the same pot life but significantly improved catalytic efficiency.
- It enhances both surface drying speed and through-drying speed, making it especially suitable for PU systems where reducing sanding or polishing time is required.
- Exhibits latent effects; under forced drying conditions at 60-80 °C, it can rapidly increase catalytic efficiency, achieving optimal surface hardness.

Dosage

0.01-0.2% of the total volume

Application

PU coatings/inks/sealants, silicone sealants.

Precautions & Storage

Store at room temperature; the appearance may become cloudy at low temperatures. Please heat in a water bath until clear, and stir well before use.

Safety

Refer to MSDS

Packaging

25 KG/Barrel

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For further detailed information, please contact our company directly.

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parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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