PU-18
Curing accelerator

Overview

PU-18 is an organotin compound-based curing accelerator. In addition to evaluating the product's catalytic efficiency on polyurethane, we have also extensively considered its non-toxicity, extended lifespan, high efficiency, latent activity, and catalytic efficiency at low temperatures (0℃). It is primarily suitable for PU resin synthesis and two-component PU systems.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	**Composition**	Tetravalent organotin compound
Metal tin content	16.0 ±1.0 %	**Solvent**	None
Density	1.00 g/ml		

Characteristics and Advantages

- Can promote the reaction between hydroxyl resins and isocyanates, reducing curing time.
- Compared to other organotin compounds, it has a longer pot life under the same curing speed conditions.
- An economical and low-toxicity PU curing accelerator.

Dosage

0.01-0.2% of the total volume

Application

PU coatings/inks/sealants, soft/hard polyurethane foams, silicone sealants, PVC plastics.

Precautions & Storage

The effectiveness of the accelerator is highly dependent on factors such as the reactivity of hydroxyl resins and polyisocyanates, as well as temperature conditions.

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