Dibutyltin Dilaurate

Catalyst for solventborne two component polyurethane systems

Description

Dibutyltin dilaurate is used as an accelerator for solvent based, chemical cross-linking, two-component coatings like polyurethane systems.

Characteristic Data

Metal content	Sn: 18.20 - 18.90 %	
Non-volatile content	>= 95.00 %	ASTM D 1644
Color	Gardner: <= 18	ASTM D 1544
Viscosity	A-3 to C	ASTM D 2373
Specific gravity	1.020 - 1.070	(25°C) ASTM D 1963
Weight/Gallone	8.50 - 8.90 lb/gal	(25°C) ASTM D 1963

Properties

Dibutyltin dilaurate is suitable to accelerate the cross-linking process of solvent based two-component PU coatings. Due to the strong acceleration of the chemical reaction, a reduced pot-life might occur. High addition rates might reduce the gloss.

Applications

Dibutyltin dilaurate improves the drying of chemically curing systems favoring the isocyanate/polyol reaction over other side reactions such as isocyanate/water. DBTL can be used to aid the curing process of polyurethanes, silicone resins, RTV silicone resins and silane modified polymers. Scratch resistance, hardness and mechanical properties are improved.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from sources of ignition. Store in original container. Store in accordance with local regulations. Keep at temperatures between 5°C and 30°C.

Safety

Please refer to our safety data sheet for information relating to product safety.

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