

Technical Information

KOSMOS® 16

Description

KOSMOS® 16 is a delayed action dioctyl tin catalyst. It can be used to produce 2K polyurethane elastomers, sealants, coatings or adhesives. This catalyst provides a better EH&S profile over comparable butyl tin compounds. This catalyst will improve significantly the pot life to cure performance over classical DBTDL or DOTDL.

Key performance benefits

- Low toxicity
- Reduced water sensitivity
- Lower viscosity

Typical properties*

Appearance	Yellow liquid
Viscosity at 25 °C	50 mPa · s
Density at 25 °C	1.05 g/cm ³
Calculated OH number	0 mg KOH/g
Tin content	15 %

* For actual ranges, please refer to the Certificate of Analysis (CoA) / Sales Specification.

Application

KOSMOS® 16 is recommended to be used as sole catalyst or in combination with amine catalysts like POLYCAT® SA series to optimize processing and cure kinetics.

Storage recommendations

- Shelf life: minimum 12 months. For exact date of expiration, please consider CoA.
- Storage conditions: dry and cool place in factory-packed containers.
- Optimum storage temperature: 10 to 30 °C.

Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

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