

# FASCAT® 4202 Catalyst

## Dibutyltin Dilaurate

**CAS Registry Number:** 77-58-7

### Description

FASCAT 4202 catalyst, dibutyltin dilaurate, is a yellow amber, oily liquid. This product is available in 44 lb (20kg) pails and 440 lb (200kg) drums.

### Applications

FASCAT 4202 catalyst is used to cross-link two-component urethane coating systems for the automotive, industrial, and refinish coatings; to cross-link RTV silicone systems for the caulking and sealants markets; and, also, to cross-link polyethylene/silane co-polymer systems for the wire and cable industry. FASCAT 4202 catalyst, absorbed on silica, is used to cross-link urethane powder coatings for exterior applications. It can be used as a gelling catalyst in the manufacture of flexible and rigid polyurethane foams, coatings, adhesives, sealants and elastomers.

### Product Specifications

Properties	Specifications
Formula	$\text{Bu}_2\text{Sn}(\text{OOC}_{12}\text{H}_{23})_2$
% Sn	18.0
Molecular Weight	631.0
Melting Point °C	-10
Boiling Point	Decomposes before Boiling
Specific Gravity (@25°C)	1.05

### Solubility

Insoluble in water and most common organic solvents.

### Product Features and Benefits

FASCAT 4202 catalyst is a versatile catalyst that can be used in various urethane cross-linking reactions and silanol condensation reactions. It drives the addition of alcohols with isocyanates to accelerate and complete the formation of urethanes. FASCAT 4202 catalyst is stable to hydrolysis but will hydrolyze in the presence of aqueous caustic at room temperature. FASCAT 4202 catalyst is incorporated into the final product and does not require removal. It is a liquid catalyst for ease of processing.

#### In US

PMC Organometallix, Inc.  
The PMC Group Building  
1288 Route 73, Suite 401  
Mount Laurel, NJ 08054

Customer Service  
1.855.638.2549  
(1.855.METALIX)  
Fax 1.856.638.2157

#### In Europe

PMC Vlissingen B.V.  
C/o PMC OUVRIE  
44 rue Albert Einstein  
62220 CARVIN  
FRANCE

Customer Service  
33(0)3.91.83.71.56  
Fax 33(0)3.91.83.71.92

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