

# FASCAT<sup>®</sup> 2003 CATALYST

## PRODUCT INFORMATION

### DESCRIPTION

Arkema Inc. FASCAT 2003 catalyst, stannous 2-ethylhexanoate [CAS #301-10-0], is a pale yellow liquid with the following properties:



### TYPICAL PROPERTIES

Formula	$\text{Sn}(\text{C}_8\text{H}_{15}\text{O}_2)_2$
% Sn	28.0
Molecular Weight	405.1
Specific Gravity (@ 20°C)	1.25
Pour Point	<-25 °C
Viscosity (@ 25°C)	250 cp
Solubility	Soluble in most organic solvents and disperses quickly in ester systems.

### PRODUCT FEATURES

FASCAT 2003 catalyst is a neutral and non-corrosive liquid catalyst, used to increase the rate of resin formation and to increase the crosslinking speed in various coating applications.

FASCAT 2003 catalyst is used for the formation of esters from acids and alcohols where removal of the catalyst is desirable after completion of the reaction. The final ester products will have low tin content.

FASCAT 2003 catalyst does not require extensive or rigorous handling conditions and can be charged at any point during the reaction.

FASCAT 2003 catalyst should be handled in an inert atmosphere whenever possible to avoid oxidation to the stannic (IV) state.

### RECOMMENDED USES

FASCAT 2003 catalyst is used in the production of oleochemicals.

FASCAT 2003 catalyst is used to catalyze silanol condensation reactions. The primary segment being room temperature vulcanized (RTV) silicone rubbers.

FASCAT 2003 catalyst is used extensively for producing urethanes from the reaction of isocyanates and polyols.

FASCAT 2003 catalyst absorbed on silica is used in urethane powder coatings for exterior applications.

### PACKAGING

FASCAT 2003 catalyst is available in 55 lb (25 kg) pails and 440 lb (200 kg) drums.

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