

CAS Registry Number: 3648-18-8

DESCRIPTION

FASCAT® 8202 catalyst, dioctyltin dilaurate, is a yellow amber, oily liquid. FASCAT 8202 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 8202 is stable to hydrolysis but will hydrolyze in the presence of aqueous caustic at room temperature. FASCAT 8202 catalyst is incorporated into the final product and does not require removal. It is in liquid form catalyst for ease of processing.

APPLICATION

FASCAT® 8202 catalyst is used to cross-link two-component urethane coating systems for the automotive, industrial, and refinish coatings. Crosslinking RTV silicone systems for the caluk and sealants markets; also, to cross-link polyethylene/silane co-polymer systems for the wire and cable industry. FASCAT 8202 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 | C40H80O4Sn |
| % Sn | 15.4% |
| Molecular Weight | 743.76 g/mol |
| Melting Point | 17 - 18 °C |
| Boiling Point | Decomposes before boiling |
| Specific Gravity (@25°C) | Approx. 1.0075 |
| Solubility in Water | Insoluble |

PACKAGING AND STORAGE

This product is available in 44 lb (20kg) pails and 440 lb (200kg) drums.

We recommend that the material is stored in a cool, dry environment in a tightly closed container and used within 6 months after delivery.

ENVIRONMENTAL AND SAFETY INFORMATION

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION. For Environmental, Safety & Toxicology information, contact our Customer Service Department at 1-855-638-2549 (1-855-METALIX) to request a Material Safety Data Sheet.

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