

ESCAT 66 *Experimental Product*
CATALYST
FOR POWDER COATINGS



THE EDGE OF INNOVATION

www.estrone.com

GENERAL DESCRIPTION

ESCAT 66 is an imidazole catalyst absorbed onto a silica carrier. Escat 66 is used to accelerate the cure of powder coatings that are responsive to imidazole catalysis. Examples of powder coating chemistries that can be catalyzed with ESCAT 66 include polyester-epoxy and acrylic-epoxy hybrids, polyesters cured with Glycidyl-functional acrylics, polyester-TGIC and polyester-Glycidylester. ESCAT 66 reduces the cure temperature of a system and shortens the required bake time at a given cure temperature when compared to non-catalyzed systems. In addition, this purified imidazole product may exhibit less yellowing and improved catalysis when compared to competitive imidazole catalysts on silica.

Recommended usage level of ESCAT 66 is 0.2 – 0.6% on total formula weight. Each application should be tested to determine the optimum catalyst level to achieve the desired cure profile and coating properties.

TYPICAL PROPERTIES*

Appearance	White to Off-White Powder
% Active	48-52%
Specific Gravity	1.40-1.48

* Not to be used for specification purposes

REGULATORY LISTINGS

The components of this material are either listed or exempt from listing due to polymer exemption criteria for the following chemical inventory listings: IECSC (China), NZIoC (New Zealand), TCSI (Taiwan), ENCS (Japan), TSCA (USA).

REACH: "A component of this product is not REACH registered and EU import quantities may be restricted."

PACKAGING (NET WEIGHT)

35 lb. / 15.8 kg in fiberboard box with polyolefin liner

PRODUCT AVAILABILITY

This product is experimental, with samples available for screening evaluations. Larger quantities are available, although a 4-6 weeks lead time may be required.

STORAGE AND HANDLING

Store in a dry, cool area and avoid excessive heat. Keep containers tightly closed. Store at less than 100°F (38°C). Shelf life of unopened containers is one year from date of shipment. Refer to the SDS for additional information.

CONTACT INFORMATION

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