

EPOXY HARDENER G-91 EPOXY CURING AGENT FOR POWDER COATINGS

www.estron.com



THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Epoxy Hardener G-91 is an imidazole type of curing agent for epoxy-based powder coatings. Coatings cured with Epoxy Hardener G-91 show excellent chemical resistance, mechanical properties and the capability for low temperature cure.

The recommended dosage of Epoxy Hardener G-91 is 3-6 parts per 100 parts of epoxy resin. High gloss epoxy powder coatings based on this hardener can be cured at temperatures ranging from 200°C to 110°C. The powder coating formulator has flexibility in assigning cure schedule profiles for various substrates such as composites or MDF since the physical film properties are not affected by cure temperature.

Additionally, Epoxy Hardener G-91 is a prime choice for use with Estron's matting agent Epomatt G-152 to create matte, interior-grade powders that can cure as low as 125°C.

TYPICAL PROPERTIES*

Appearance	Tan to Brown Granules
Specific Gravity (25/25)	1.1 – 1.2
Softening Point, RING & BALL	92 - 105°C

* 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: DSL (Canada), ECL (Korea), EINECS (Europe), IECSC (China), NZIoC (New Zealand), TSCA (USA)

PACKAGING (NET WEIGHT)

55 lb. / 25 kg in fiberboard box with polyolefin liner

PRODUCT AVAILABILITY

This product is commercially available and may require lead time.

STORAGE AND HANDLING

Keep container tightly closed and store in a dry, well ventilated area away from heat and sources of ignition. Store at less than 100°F (38°C). Shelf life of unopened containers is one year from date of shipment. See SDS for additional information.

CONTACT INFORMATION

807 N. Main Street

P.O. Box 127

Calvert City, KY 42029 USA

(270) 395-4195 PHONE

(270) 395-5070 FAX

Revision Date: March 18, 2016 TDS Revised by: A. Chizhikova TDS Approved by: R. Auerbach