

EPOXY HARDENER G-92 EPOXY CURING AGENT FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Epoxy Hardener G-92 is a phenolic curing agent for use with epoxy and epoxy novolac-based powder coatings. Coatings made with Epoxy Hardener G-92 exhibit the excellent chemical resistance, substrate wetting and mechanical properties for which phenolic-cured epoxy coatings are noted.

This hardener offers formulators the versatility of using differing cure cycles while maintaining performance properties. For example, powder coatings made with Epoxy Hardener G-92 can be “snap” cured in 2 minutes at 200°C or low-temperature cured in 20 minutes at 120°C while maintaining both mechanical (160 reverse inch pounds impact) and chemical resistance (100+ MEK double rubs) properties. In addition, powder coatings made with Epoxy Hardener G-92 have good package stability and exhibit very low yellowing. The recommended dosage level of Epoxy Hardener G-92 is 25% of the binder with a traditional type III epoxy resin.

TYPICAL PROPERTIES*

Appearance	Clear to Haze Granules
Specific Gravity (25/25)	1.10 – 1.25
Softening Point, RING & BALL	80 - 100°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: EINECS (Europe), ENCS (Japan), IECSC (China), NZ (New Zealand), PICCS (Philippines), SWISS (Switzerland), TSCA (USA)

PACKAGING (NET WEIGHT)

55 lb. / 25 kg in fiber drum 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

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