

# 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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