

**GMA-500
ACRYLIC RESIN
FOR POWDER COATINGS**

Experimental Product



THE EDGE OF INNOVATION

www.estrone.com

GENERAL DESCRIPTION

GMA-500 is a solid, glycidyl-functional acrylic crosslinker for exterior durable powder coatings. It is highly branched and can cure with carboxyl and amine-functional compounds. For example, GMA-500 can be used as the sole crosslinking agent with a linear carboxyl polyester resin to create an 75/25 polyester/acrylic hybrid powder coating for protective purposes or cured with dodecanedioic acid to make smooth, high gloss clear top coats.

As with any raw material, laboratory evaluation is required for each formulation to determine the best processing method and the optimum concentration of GMA-500.

TYPICAL PROPERTIES*

Appearance	Granules
Non-Volatile, weight %	99.0% minimum
Softening Point, RING & BALL	100 - 110°C
Epoxy Equivalent Weight	500 - 550
Glass Transition	45 - 50°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: AICS (Australia), DSL (Canada), EINECS (Europe), ENCS (Japan), IECSC (China), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

PACKAGING (NET WEIGHT)

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

PRODUCT AVAILABILITY

This product is experimental and subject to change. Please contact your Estron Sales Representative for lead time and availability.

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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