

**ISOCRYL EP-440  
ACRYLIC RESIN  
FOR POWDER COATINGS**

*Experimental Product*



THE EDGE OF INNOVATION

[www.estron.com](http://www.estron.com)

**GENERAL DESCRIPTION**

Isocryl EP-440 is a solid, glycidyl-functional acrylic binder resin for exterior-durable powder coatings. The resin is highly branched and can cure with carboxyl and amine-functional compounds. For example, Isocryl EP-440 can be 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 EP-440.

**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)**

44 lb. / 20.0 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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TDS Revised by: R. Auerbach

TDS Approved by: A. Skora