Isocryl® EP-460 *Experimental Product*
ACRYLIC RESIN
FOR POWDER COATINGS

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THE EDGE OF INNOVATION

GENERAL DESCRIPTION

Isocryl® EP-460 is a solid, glycidyl-functional acrylic binder resin which can be cured with carboxyl or amine functional curatives to provide coatings with a high degree of outdoor durability. For example, Isocryl EP-460 can be cured with dodecanedioic acid to make a smooth, clear, high-gloss coating with excellent durability.

As with any raw material, laboratory evaluation is required for each formulation to determine the best processing method and the optimum concentration of Isocryl EP-460.

TYPICAL PROPERTIES*

Appearance	Ground Clear Flake
Non-Volatile, weight %	98.5% minimum
Specific Gravity(25/25)	1.05-1.15
Softening Point, RING & BALL	100 - 110°C
Epoxy Equivalent Weight	510-560
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: DSL (Canada), ECL (Korea), IECSC (China), NZIoC (New Zealand), TCSI(Taiwan), TSCA (USA).

All components are REACH registered per ECHA requirements.

PACKAGING (NET WEIGHT)

250 lb. / 113.4 kg in fiber drum with polyolefin liner
55 lb. / 25.0 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

Store in a dry, cool area and avoid excessive heat. Keep containers tightly closed. Store at less than 86°F (30°C). Shelf life of unopened containers is one year from date of shipping. Refer to the SDS for additional information.

CONTACT INFORMATION

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