

**Technical Data Sheet**

**Secondary Insulation**

# **ELAN-Plus™ C 8 Catalyst**

**Unsaturated Polyester Initiator**

## ELAN-Plus™ C 8 Catalyst

### Product Description

ELAN-Plus™ C 8 Catalyst is a liquid peroxyester free-radical polymerization initiator.

### Areas of Application

Heat-activated polymerization initiator for unsaturated polyester resins.

### Features and Benefits

Medium temperature initiator (typical 135 - 163°C / 275 - 325°F)

Provides 1 - 3 month stability in catalyzed resin systems with appropriate monitoring and adjustment

### Instructions for Use

ELAN-Plus™ C 8 Catalyst should be added at room temperature to styrene or vinyl toluene based unsaturated polyester resins.

Typical addition is 1.0% based on resin weight exclusive of fillers. C 8 should be added to the resin when the resin is placed into service.

See resin technical data sheet for specific instructions.

Unsaturated polyester resin systems are sensitive to heat and aging. They require monitoring and adjustment to prevent premature gelation. See ELANTAS PDG Technical Bulletin TI-4001 for resin tank maintenance instructions

### Transportation / Storage

Store below 25°C / 77°F in a dry, controlled environment, out of direct sunlight. This material should be suitable for use stored under these conditions in the original sealed containers for twelve (12) months from the date of shipment.

ELAN-Plus™ C 8 Catalyst is a strong oxidizing agent. Storage areas should conform to applicable regulations for storage of peroxides. Product will tolerate temperatures up to 38°C / 100°F, but refrigerated storage at 10°C / 50°F is preferred.

### Health / Safety

Refer to the Material Safety Data Sheet.

### Typical Properties of Material as Supplied

Property	Conditions	Value	Units
Appearance		Colorless to slightly yellow	
Weight per Gallon	25°C / 77°F	8.5 - 8.8	pounds
Flash Point	ASTM D93	101 213	°C °F

### Composition

Available oxygen	8% minimum
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The above properties are typical values and are not intended for specification use.

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