

**Technical Data Sheet**

**Secondary Insulation**

**ELAN-Plus™ MEKP-9 Red Catalyst**

**Unsaturated Polyester Initiator**

## ELAN-Plus™ MEKP-9 Red Catalyst

### Product Description

ELAN-Plus™ MEKP-9 Red Catalyst is a liquid ketone peroxide free-radical polymerization initiator.

### Areas of Application

Chemically activated polymerization initiator for unsaturated polyester resins

### Features and Benefits

Suitable for room temperature cure applications when used with organometallic or tertiary amine promoters.

Red color indicates when mixing is complete (color will dissipate with cure).

### Instructions for Use

ELAN-Plus™ MEKP-9 Red Catalyst should be added at room temperature to styrene or vinyl toluene based unsaturated polyester resins.

Typical addition is 1.0% MEKP-9 Red based on resin weight, exclusive of fillers.

Promoter levels will vary, depending on the reactivity of the resin system and the desired gel time. See resin technical data sheet for specific instructions.

ELAN-Plus™ MEKP-9 Red Catalyst and promoters should be added individually to the resin with complete mixing. Never premix catalyst with a chemical promoter as violent decomposition may occur.

### 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™ MEKP-9 Red 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	8.2 - 8.5	pounds
Flash Point	ASTM D93	71 160	°C °F

## ELAN-Plus™ MEKP-9 Red Catalyst

### Composition

Active Peroxide	~ 35%
Inert Non-Phthalate Plasticizer	~ 65%
Available oxygen	9%

The above properties are typical values and are not intended for specification use.

ELANTAS PDG, Inc. warrants the chemical composition of its products within stated tolerances, but does not guarantee that a product will be appropriate for any particular application. Any recommendation, performance of tests or suggestion is offered merely as a guide and is not a substitute for a thorough evaluation by the user. No representative of ELANTAS PDG, Inc. has the authority to offer a warranty that a product will perform satisfactorily in manufacturing a product and no such representation should be relied upon.