

**Technical Data Sheet**

**Secondary Insulation**

# **ELAN-Plus™ BS-6440 Inhibitor**

**Unsaturated Polyester Additive**

## ELAN-Plus™ BS-6440 Inhibitor

### Product Description

ELAN-Plus™ BS-6440 is a mixture of a free-radical polymerization inhibitor in an inert liquid carrier.

### Areas of Application

Gel time adjuster for unsaturated polyester resins.

### Features and Benefits

Increases gel time of unsaturated polyester resins, correcting for the effects of long-term storage or exposure to high temperatures

### Instructions for Use

ELAN-Plus™ BS-6440 should be added at room temperature to styrene, vinyl toluene, or DAP-based unsaturated polyester resins to increase gel time.

Additions should be small, typically less than 0.1–0.5% of resin weight at a time, or as recommended by ELANTAS PDG Technical Service.

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.

Keep containers tightly sealed to minimize evaporation.

### Health / Safety

Refer to the Material Safety Data Sheet.

### Typical Properties of Material as Supplied

| Property          | Conditions  | Value     | Units    |
|-------------------|-------------|-----------|----------|
| Appearance        |             | Amber     |          |
| Weight per Gallon | 25°C / 77°F | 7.4 – 7.7 | pounds   |
| Flash Point       | ASTM D93    | 61<br>142 | °C<br>°F |

### Composition

|                       |                   |
|-----------------------|-------------------|
| Active Inhibitor      | 3% p-benzoquinone |
| Inert Carrier Solvent | 2-butoxy ethanol  |

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.