

Technical Data Sheet

Secondary Insulation

ELAN-Plus[™] BS-6440 Inhibitor

Unsaturated Polyester Additive

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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 diallyl phthalate (DAP) based unsaturated polyester resins to increase gel time. It may also be recommended for use with other unsaturated co-reactants.

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 *Unsaturated Polyester Resin Maintenance* 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	61 142	°C °F

Composition

Active Inhibitor	3% p-benzoquinone
Inert Carrier Solvent	2-butoxyethanol

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.