

Technical Data Sheet

Secondary Insulation

ELAN-Plus™ BS-217 Diluent

(Vinyl Toluene Monomer)

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Product Description

ELAN-Plus™ BS-217 is a reactive monomer based on a blend of m- and p-methyl styrene, commonly called vinyl toluene. It contains a low level of inhibitor to prevent premature polymerization.

Areas of Application

Co-reactant and viscosity adjuster for unsaturated polyester resins

Features and Benefits

- Inhibited for room temperature stability
- Lower vapor pressure than styrene
- Higher flash point than styrene

Instructions for Use

ELAN-Plus™ BS-217 should be added at room temperature to vinyl toluene-based unsaturated polyester resins, either to adjust resin viscosity or to compensate for evaporative losses.

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 six (6) months from the date of shipment.

Keep containers tightly sealed to minimize evaporation. Refrigeration is recommended for long term storage

Health / Safety

ELAN-Plus™ BS-217 is a reactive material that may undergo hazardous polymerization with exposure to excessive heat.

Refer to the Material Safety Data Sheet for additional storage and handling information.

Typical Properties of Material as Supplied

Property	Conditions	Value	Units
Appearance		water-white	
Weight per Gallon	25°C / 77°F	7.3 – 7.6	pounds
Flash Point	ASTM D93	53 127	°C °F
Boiling Point		168 334	°C °F
Vapor Pressure	20°C / 68°F	1.1	Torr
Vapor Density	Relative to air	4.1	

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

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