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## STAR\*TECH 36-2NH

### Two Part Solventless Drizzle Coat

#### DESCRIPTION

Two part epoxy designed for use as an electrical impregnating resin. Star Tech 36-2NH is a DOT non-corrosive compound with a convenient mix ratio for easy use of meter mix and dispense machines. The cured material shows excellent resistance to a variety of chemicals including water, alkali, hydrocarbons, glycol ethers, ketones, detergents, and chlorinated hydrocarbon solvents.

#### BENEFITS

Available in Pre-measured kits  
Class H temperature use

Excellent Coverage  
Excellent Chemical Resistance

#### TYPICAL PROPERTIES (cured 7 Days at 75°F.)

	<u>TEST METHOD</u>	<u>VALUE</u>
Mix Ratio, Resin to Hardener		
Parts by Weight:		100:25
Parts by Volume:		4:1
Viscosity (centipoise)	ASTM D2393	
Part A:		12,000
Part B:		600
Density (g/cc)	ASTM D1475	
Part A:		1.16
Part B:		1.02
Mixed:		1.13
Color		
Part A:		Clear
Part B:		Light Straw
Pot Life: 100 grams at 75°F (minutes)	ASTM D2471	30
Shore Hardness (D)	ASTM D2240	80 minimum
Tg (°C)	ASTM D3418	128
Lap Shear (psi)	ASTM D1002	
At 23°C:		1300psi
At 150°C:		100psi
Twisted Coil Bond Strength	ASTM D2519	
At 23°C:		100psi
At 150°C:		30 psi
Flexural Strength	ASTM D790	15,000psi
Flexural Modulus		400,000 psi
Tensile Strength	ASTM D638	6000psi
Tensile Modulus		363,000 psi
Elongation		4.0%

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To the best of our knowledge, the information contained herein is accurate. However, STAR TECHNOLOGY, Inc., does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. The information contained herein is considered typical properties and is not intended to be used as specifications for our products. This information is offered solely to assist purchaser in selecting the appropriate products for purchaser's own testing. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein and in the material safety data sheet, we cannot guarantee that these are the only hazards that exist. Repeated and prolonged exposure to epoxy resins can cause sensitization or other allergic responses.



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### **APPLICATION PROCEDURES**

Carefully weigh out appropriate amounts of resin and hardener into a clean mixing container and thoroughly mix until all streaks and striations are gone. Scrape the sides and bottom frequently to ensure complete mixing.

*CAUTION:* Unmixed compound from the sides or bottom of the container can cause soft spots or uncured areas in the completed piece. To prevent this, transfer the entire mixed contents to a second clean container and remix for a short time before using.

### **PRECAUTIONS**

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of an eye splash or contact, immediately flush with cold water for 15 minutes and contact a physician. If skin contact occurs, wash with mild soap and water. The wearing of safety glasses with side shields and impervious gloves is recommended.

### **RESIN AND HARDENER WARNING STATEMENT**

May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling.

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