



# STAR ENICRYL

## Anti Bacterial Acrylic Sealant

### DESCRIPTION

**STAR ENICRYL** is fire retardant, aqua based, vapor barrier sealant for low, medium, and high pressure or high velocity- metal, fiberglass and flexible heating and air conditioning air ducts. It is specially formulated to meet Middle East weather condition. It is highly elastic in nature. It has excellent adhesion to metal, aluminum, etc. This exhibits excellent strength, flexibility and resistance to heat and cold. It performs as tough and flexible adhesive and sealant, forming a durable seal against air leakage.

**STAR ENICRYL** does not contain Asbestos, Lead, Mercury or Mercury Compounds.

### RECOMMENDED USES & CAPABILITIES

**STAR ENICRYL** can be used as joint sealant Highly resistant to mold, mildew, water, extreme temperature changes and aging. Resistant to oil or grease and mildly resistant to diluted alkalis and acids.

### TECHNICAL DETAILS

Base	Synthetic resin
Color	White/Grey
Solid	77% +/- 1.5%
Specific gravity	1.6 +/- 1
Application temp	Min 5 <sup>o</sup> c
Service temperature	-10 to 120 <sup>o</sup> c
Flash Point	Non flammable
Water resistance	Non flammable
UV resistance	Excellent
Chemical resistance	Excellent
Insulation properties	Excellent
Odor	Mild

### STANDARD COMPLIANCES

**ASTM C-411 (Hot Surface Performance of High Temperature Thermal Insulation)**

**ASTM C-732 (Aging Effects of Artificial Weathering on Latex Sealants)**

**ASTM D- 2202 (Slump Test)**

### METHOD OF APPLICATION

**STAR ENICRYL** applies to clean, dry, oil-free and sanded surface, by power extrusion or trowel uniformly a 2" wide coat over the joint @ 2 to 2.2 gallon/100 ft<sup>2</sup>. Total coverage 40-55 ft<sup>2</sup>/gal. Allow the completed joint to dry at least 24 hours above 25<sup>o</sup>c before pressure testing. High humidity (over 70%) and or cooler temp. may retard drying. Total WFT to be 30-35 mils

### POWER EXTRUSION

**STAR ENICRYL** may be applied using a wide variety of power extrusion equipment suitable for use with water base sealants. It is a soft creamy with a typical viscosity. Always use corrosion resistant equipments.

### CLEANING

Clean with warm water and soap when wet. Mineral spirits when dry.

### SAFETY

**STAR ENICRYL** is recommended only for industrial uses, please keep out of reach of children

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

**INHALATION:** Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**INGESTION:** causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

#### STORAGE

Store under cover, protect from direct sunlight and high temperature (>30°C). Shelf life is up to 12 months in unopened container when stored as directed. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging

#### PACKING

**STAR ENICRYL** is available in 455 gram cartage



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