

## **TECHNICAL BULLETIN**

### **A-4036 STANDARD SET EPOXY**

#### **Standard set epoxy adhesive for pavement markers**

A-4036 is a two component standard set epoxy adhesive for pavement markers. Meets California State Specification 8040-11 D-09 and Arizona Department of Transportation.

#### **Manufacturer/Distributor**

Brenntag Pacific, Inc.  
10747 Patterson Place  
Santa Fe Springs, CA 90670  
Phone: (562) 903-9626

#### **Product Description**

**GENERAL:** Two component epoxy with an equal mix ratio. High viscosity paste consistency.

**USES:** A-4036 is primarily used in bonding pavement markers to Portland Cement and asphalt concrete. The Standard Set allows sufficient induction time to install markers by hand.

Other uses include, bonding precast concrete on wheel stop parking lot, traffic cones top existing substrates.

Installation

**SURFACE PREPARATION:**

Surfaces to be bonded must be free of oil, wax, grease, or other contaminants that might impair adhesion.

**MIXING:**

Mix equal amounts of Part A with equal amounts of Part B and stir thoroughly until a uniform gray color is obtained with the absence of black or white streaks. Automatic machine dispenser and mixer can also be used. However, the A-4036 Standard Set is generally used when hand application is more feasible. Check supplier and/or manufacturer for specification. Do not mix more material than will be used within 6 minutes.

Technical Data

<u>Color:</u> Part A	White
Part B	Black; Mixed-Gray
<u>Mix Ratio:</u> 1 Part "a" to 1 Part "B" By Volume.	
<u>Viscosity:</u> Part A .....	3500-5000 poises
Part B .....	3500-5000 poises
Shear Ratio .....	2.0
Gel Time .....	6-10 minutes

Bond strength to concrete, time-minutes, to reach not less than 200 PSI

At 77 ° F, ± 2° F – 3.5 hours

Safety and Health Precautions

Some persons are sensitive to the ingredients in A-4036 Epoxy. The epoxy resins or curing agent can cause skin irritations or dermatitis if proper precautions are not followed. Protection to skin and eyes should be provided by use of gloves, face shields and safety shoes. In the event of skin contact, wash immediately with soap

and water. On eye contact, flush with water for 15 minutes. If irritation persists, seek medical attention.

### STANDARD SET EPOXY COMPONENTS

<u>Component A:</u> Epoxy Resin	63.487%
Aliphatic Glycidyl Ether	9.50%
Titanium Dioxide	2.19%
Oleophilic Fumed Silica	2.92%
Talc	21.90%
Anti-Foam Silicone	0.003%

<u>Component B:</u> N-Aminoethyl Piperazine	15.84%
Nonylphenol	35.547%
Fumed Black	0.07%
Oleophilic Fumed Silica	0.68%
Talc	47.86%
Anti-Foam Silicone	0.003%

### Warranties

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