

# Product Technical Data Sheet

## A-8 POLYAMINE

A-8 POLYAMINE is an amine curing agent ideally suited for use in epoxy construction adhesives providing high strengths to meet stringent standards such as ASTM 881. It is intended for use with liquid epoxy resins at room temperature. A-8 POLYAMINE is compatible with most aliphatic and cycloaliphatic amine curing agents. A-8 POLYAMINE is a DOT Non Corrosive per 49 CFR 173.136 and 173.137. Therefore it is lower cost to ship compared to Packing Group II or III hardeners.

### FEATURES AND BENEFITS

- *Virtually No Odor*
- *DOT Non Corrosive*
- *Outstanding Adhesion to Concrete*
- *High Strength*
- *Excellent Damp Adhesion*

### APPLICATIONS

- *Construction Adhesives*
- *Injection Resin*
- *Hardened Concrete Adhesives*
- *ASTM C881 Resin Systems*
- *DOT Epoxies*



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### A-8 POLYAMINE Properties

Appearance:	Straw Color
Viscosity, (cps):	5,000
Density, (lbs/gal):	8.4
Equivalent Weight:	94
PHR, 190 EEW Epoxy	50

### Physical Properties

Liquid Epoxy Resin (190 EEW)	100
A-8 POLYAMINE	50
Gel Time, mins.	43
Tack Free, 75°F, hours	4
Compressive Strength, (ASTM D695), psi 7 days (neat resin)	16,460
Compressive Strength, (ASTM C109), psi 7 days (Mortar)	12,500
Tensile Strength, (ASTM D638), psi	7,600
Bond Strength, ASTM C882), psi Hardened to Hardened Concrete 2 Day (moist cure)	2,315
14 Day (dry cure)	3,600

Data presented are typical laboratory values.

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**DISPOSAL:** Collect with absorbent material. Dispose of in accordance with current local, state and federal regulations

**FIRST AID:** In case of skin contact, wash immediately and thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. Consult physician immediately. For respiratory problems, remove person to fresh air.

**ENVIRONMENTAL SAFETY PRECAUTIONS:** (Industrial Use Only) Corrosive. Contains amines. Contact with eyes or skin may cause severe burns. Can cause sensitization after prolonged or repeated use. Use of safety goggles and chemical resistant gloves is highly recommended. Use with adequate ventilation.

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