



A-2 LV POLYAMINE

DESCRIPTION: A-2 LV POLYAMINE is a low viscosity amine curing agent ideally suited for use in epoxy construction adhesives and composite laminating. It is intended for use with liquid epoxy resins at room temperature. A-2 LV POLYAMINE is compatible with most aliphatic and cycloaliphatic amine curing agents.

FEATURES AND BENEFITS

- *Virtually No Odor*
- *Low Viscosity*
- *Outstanding Adhesion to Concrete*
- *High Strength*
- *Excellent Damp Adhesion*

APPLICATIONS

- *Construction Adhesives*
- *Injection Resin*
- *Hardened Concrete Adhesives*
- *ASTM 881 Resin Systems*
- *Composite Applications*

A-2 LV POLYAMINE Properties

Appearance:	Straw Color
Viscosity(cps)	400
Density(lbs/gal):	8.5
Equivalent Weight:	95
Phr, 190 EEW Epoxy	50

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.

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.

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

Starting Point Formulation For a Concrete Adhesive

Component A, %, by wt. Diluted Liquid Epoxy Resin	100
Component B, % A-2 LV POLYAMINE	100
Mixing Ratio (Parts A:B) by volume	2:1
Gel Time, mins	38
Compressive Strength (ASTM D695), psi	
1 Day (neat resin)	7,345
7 Days (neat resin)	11,450
Compressive Strength (ASTM C109), psi	
7 Days (mortar)	12,650
Tensile Properties (ASTM D638)	
Ultimate Strength @ 14 days, psi	7,200
Elongation at break, %	2.5
Bond Strength (ASTM C882), psi	
Hardened to Hardened Concrete	
2 Day (moist cure)	3120
14 Days (dry cure)	3450
Heat Deflection Temp. (ASTM D648)	128°F
Water Absorption (ASTM D570)	
7 day, 24 hour immersion, %	0.23

Data presented are typical laboratory values.



TECHNICAL SUPPORT:

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