

# Product Technical Data Sheet

## FS-289 POLYAMINE

### APPLICATIONS

- *Construction Adhesives*
- *Injection Resins*
- *Accelerated Flooring Systems*
- *Hardened Concrete Adhesives*

### FEATURES AND BENEFITS

- *No mercaptans*
- *Virtually No Odor*
- *Does not contain Benzyl Alcohol*
- *Low Viscosity*
- *Fast Setting*
- *Excellent Damp Adhesion*
- *High Strength*

**FS-289 POLYAMINE** is an aliphatic polyamine which imparts a fast setting epoxy resins system. Additionally it can be used to accelerate other hardener systems to improve thin film cure. Demonstrates excellent thin film development and low temperature cure properties.

### FS-289 POLYAMINE Properties

Appearance:	Straw Liquid
Viscosity(cps)	80 -120
Density(lbs/gal):	8.2
Equivalent Weight:	75
PHR, L.E.R.	40

### Typical Properties

Liquid Epoxy Resin	100
FS-289 POLYAMINE	40
Gel Time (150g.), mins	15
Thin Film Set (0.2mm), hours @ 75 F	2
Compressive Strength ( <b>ASTM D695</b> ), psi 7 Days (neat resin)	12,450
Bond Strength ( <b>ASTM C882</b> ), psi Hardened to Hardened Concrete 2 day (moist cure)	3120
Water Absorption ( <b>ASTM D570</b> ), % 7 Day, 24 immersion	0.23

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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