

Product Technical Data Sheet

APPLICATIONS

- Construction Adhesives
- Solvent Free
High Solids Coatings
- Crack Injection Resin
- Accelerate Flooring Systems
- Hardened Concrete Adhesives

FEATURES AND BENEFITS

- Does not contain Nonyl Phenol
- Does not contain Benzyl Alcohol
- Does not contain TMD
- Economical
- Low Viscosity
- Fast Setting
- High Strength
- Excellent Damp Adhesion



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FS 290 POLYAMINE

Fast Setting Epoxy Curing Agent

FS 290 POLYAMINE is a modified polyamine for use as a curing agent for liquid epoxy resin. Additionally it can be used to accelerate other hardener systems to improve thin film cure. Demonstrates excellent thin film development at low temperatures with good film appearance.

FS-290 POLYAMINE Properties

| | |
|--------------------|--------------|
| Appearance: | Straw Liquid |
| Viscosity(cps) | 100 - 150 |
| Density(lbs/gal): | 8.2 |
| Equivalent Weight: | 75 |
| PHR, L.E.R. | 40 |

Typical Performance Properties

| | |
|----------------------------------|------------------|
| Liquid Epoxy Resin | 100 |
| FS 290 POLYAMINE | 40 |
| Gel Time (150g.), mins | 14 |
| Tack Free, 10 mils | |
| @ 75 F | 1:30 |
| @ 45 F | 4:30 |
| Thin Film Set, 10 mils | |
| @ 75 F | 2:30 |
| @ 45 F | 6:00 |
| Compressive Strength (ASTM D695) | |
| 7 Days (neat resin) | 12,700 psi |
| Tensile Strength (ASTM D638) | |
| 7 Days (neat resin) | 10,800 psi |
| Chemical Resistance | |
| Gasoline | Sulfuric Acid |
| Hydrochloric Acid | Sodium Hydroxide |
| Xylene | |

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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