

# Product Technical Data Sheet

## FS-56 POLYAMINE

### APPLICATIONS

- Construction Adhesives
- Injection Resins
- Seamless flooring
- Hardened Concrete Adhesives

### FEATURES AND BENEFITS

- No mercaptans
- Does not contain Benzyl Alcohol
- Low Viscosity
- Cures at low temperatures
- Ultra High Strength

**FS-56 POLYAMINE** is an accelerated low viscosity hardener for fast setting applications as such as coatings, adhesives or tooling. It is intended for use with liquid epoxy resins as the primary curative or a reactive accelerator for existing resin systems.

### FS-56 POLYAMINE Properties

Appearance:	Clear Amber
Viscosity(cps)	200-400
Density(lbs/gal):	8.7
Equivalent Weight:	34
PHR, L.E.R.	18

### Typical Properties

Liquid Epoxy Resin (189 EEW)	100
FS-56 POLYAMINE	18
Gel Time (200g.), mins	10
Tack Free, hours @ 75 F	1-2
Through Cure, hours @ 75 F	5-6
Compressive Strength ( <b>ASTM D695</b> ), psi 7 Days (neat resin)	11,200
Tensile Strength ( <b>ASTM D638</b> ), psi 7 Days (neat resin)	9,100
Tensile Elongation ( <b>ASTM D638</b> ), % 7 Days (neat resin)	4

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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