

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 (ASTM D695), psi 7 Days (neat resin)	11,200
Tensile Strength (ASTM D638), psi 7 Days (neat resin)	9,100
Tensile Elongation (ASTM D638), % 7 Days (neat resin)	4

Data presented are typical laboratory values.



3835 State Route 72
Kirkland, Illinois 60146

www.epoxychemicals.com

Phone: 815-522-2308

FAX: 815-522-9041

e-mail: info@epoxychemicals.com

Product Technical Data Sheet



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.

WARRANTIES: Seller warrants that the Products do not infringe upon any copyright, patent, or trademark or trade secret, nor violate the proprietary information rights of any third party. Seller warrants that its Products will conform to and perform in accordance with the Products' specifications. THE FOREGOING WARRANTIES, ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. **LIMITATION ON LIABILITIES:** Because of the difficulty of ascertaining and measuring damages hereunder, it is agreed that, except for claims for bodily injury. Seller's liability to the Buyer or any third party, for any losses or damages, whether direct or otherwise, arising out of the purchase of Product from Seller by Buyer shall not exceed the total amount billed and billable to the Buyer for the Product hereunder. IN NO EVENT WILL SELLER BE LIABLE FOR ANY LOSS OF PROFITS OR OTHER SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.