

# Product Technical Data Sheet

## APPLICATIONS

- High Solids Coatings
- Chemical Resistant Coatings
- Seamless Flooring
- Broadcast
- Trowel Down
- Slurry Broadcast

## FEATURES AND BENEFITS

- Virtually No Odor
- Excellent Color Stability
- Outstanding Adhesion to Concrete
- Water Spot Resistant
- Chemical Resistant



3835 State Route 72  
Kirkland, Illinois 60146

[www.epoxychemicals.com](http://www.epoxychemicals.com)

Phone: 815-522-2308

FAX: 815-522-9041

e-mail: [info@epoxychemicals.com](mailto:info@epoxychemicals.com)

## FB-31 POLYAMINE

**FB-31 POLYAMINE** is an extremely low viscosity light colored cycloaliphatic curing agent designed for construction and civil engineering applications. It is intended for use with liquid and solid A epoxy resins. **FB-31 Polyamine** is compatible with most aliphatic and cycloaliphatic amine curing agents.

### FS-31 POLYAMINE Properties

Viscosity:	100 cps
Density(lbs/gal):	8.4
Equivalent Weight:	86
Color, Gardner	2
PHR, 190 EEW Epoxy	45
Flash Point, Seta F	>200

### Typical Performance Properties

Mix ratio with 190 EEW Liquid Epoxy, phr	45
Gel Time (200 gram mass), mins	46
Tack Free Time, hours	5
Through Cure Time, hours	10
Compressive Strength ( <b>ASTM D695</b> ), psi 7 Days (neat resin)	11,450
Tensile Properties ( <b>ASTM D638</b> )	
Ultimate Strength @ 14 days, psi	7,950
Elongation at break, %	5.4
Water Absorption ( <b>ASTM D570</b> )	
7 day, 24 hour immersion, %	0.4

### Chemical Resistance:

Anti freeze	10% Sodium Hydroxide
Beer	50% Sodium Hydroxide
Castor oil	25% Sulfuric Acid
5% Citric acid	Xylene
Crude oil	water
25% Hydrochloric acid	wine

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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