

# Product Technical Data Sheet

## APPLICATIONS

- *Color Fast Tile Grouts*
- *Chemical Resistant Coatings*
- *Seamless Flooring*

## FEATURES AND BENEFITS

- *Virtually No Odor*
- *Low Benzyl Alcohol Content*
- *Outstanding Adhesion to Concrete*
- *Water Spot Resistant*
- *Blush Resistant*
- *VOC compliant formulations*



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## EFB POLYAMINE

**EFB POLYAMINE** is a low viscosity light colored cycloaliphatic polyamine designed for use with liquid epoxy resin in seamless epoxy flooring or coating applications. Use with non-diluted liquid epoxy resin.

### EFB POLYAMINE Properties

Viscosity (cps):	300
Density(lbs/gal):	8.5
Equivalent Weight:	126
Phr, 190 EEW Epoxy	66

### TYPICAL PROPERTIES

Liquid Epoxy Resin (190 EEW)	100
EFB Polyamine	65
Gel Time, minutes	35-45
Tack Free, hours	4-5
Hardness, Shore D ( <b>ASTM D2240</b> )	85-90
Compressive Strength ( <b>ASTM D695</b> ), psi (neat resin)	
@ 24 hours	7,500
@ 7 Days	9,800
Tensile Properties ( <b>ASTM D638</b> )	
Strength (psi)	5500-6500
Elongation, %	15-30
Bond Strength ( <b>ASTM D4541</b> )	greater than concrete

### 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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