

# Product Technical Data Sheet

## APPLICATIONS

- *Splash zone compounds*
- *Pile Grout Resin*
- *Cure in Place Piping*
- *Underwater Injection Resin*
- *Underwater Coatings*
- *Grouts and Mortars*

## FEATURES AND BENEFITS

- *Underwater curing*
- *Outstanding Adhesion to Concrete*
- *Long Working Life*
- *Good Damp Adhesion*



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## UWL POLYAMINE

**UWL POLYAMINE** is an amine curing agent ideally suited for use in under water or damp applications. Combines the hydrophobic nature of the hardener with the long working life. Can also be used to improve damp adhesion for existing coating or flooring systems.

### UWL POLYAMINE Properties

Appearance:	Amber Translucent
Viscosity(cps)	2,500
Density(lbs/gal):	8.4
A.H.E.W.:	95
PHR, L.E.R.	50

### Typical Properties

Liquid Epoxy Resin (190 EEW)	100
UW Polyamine	50
Gel Time, mins	85
Compressive Strength ( <b>ASTM D695</b> ), psi	
1 day (neat resin)	6,335
7 days (neat resin)	8,250
Compressive Strength ( <b>ASTM C109</b> ), psi	
7 days (mortar)	10,850
Bond Strength ( <b>ASTM C882</b> ), psi	
Underwater (fresh water)	
2 day (moist cure)	1,900
14 day (dry cure)	2,675
Dry Application	
14 day (moist cure)	2,542
Water Absorption ( <b>ASTM D570</b> )	
7 day, 24 hour immersion, %	0.28

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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