Product Technical Data Sheet

UW POLYAMINE

APPLICATIONS

- Splash zone compound and coating
- Pile Grout
- Underwater injection and mortars
- DOT Epoxies

FEATURES AND BENEFITS

- Underwater and underground applications
- Outstanding Adhesion to Concrete
- 1:1 mix ratio
- High Strength
- Good Damp Adhesion



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UW POLYAMINE is an amine curing agent ideally suited for use in under water applications. Hydrophobic molecules are reacted into the backbone to impart excellent damp and underwater adhesion.

UW POLYAMINE Properties	
Appearance:	Straw Color
Viscosity(cps)	2,500
Density(lbs/gal):	8.5
Equivalent Weight:	143
PHR, L.E.R.	75

Starting Point Formulation for a Concrete Adhesive		
Liquid Epoxy Resin (190 EEW) UW Polyamine	100 100	
Gel Time, mins	35	
Compressive Strength (ASTM D695), psi 1 day (neat resin) 7 days (neat resin)	8,945 10,760	
Compressive Strength (ASTM C109), psi 7 days (mortar)	11,650	
Bond Strength (ASTM C882), psi Underwater (fresh water) 2 day (moist cure) 14 day (dry cure) Dry Application 14 day (moist cure)	2,075 3,100 3,265	
Water Absorption (ASTM D570) 7 day, 24 hour immersion, %	0.23	

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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