# *Epitex 611S*

## *Epoxy Ester Emulsion*

Epitex 611S is an epoxy ester emulsion used for modifying polyvinyl acetate emulsions and thermoplastic latex resins. It imparts epoxy characteristics to the latex coating and provides improved adhesion to concrete. Incorporating Epitex 611S into the base coat over old chalky paint films on masonry substrates assists in tying down the loose chalk and improves intercoat adhesion of the conventional emulsion topcoats.

**Physical State**
Liquid

**Applications**
- Floors
- Patios
- Roofs
- Structural Masonry
- Driveways

**Advantages**
- Improved Adhesion to Concrete
- Efflorescence Resistance
- Chemical Resistance
- Imparts Epoxy Fortification to Coating

**Formulation**
1. A level of 10 – 30% 611S based on total vehicle solids is recommended.
2. Metallic driers are required. 0.1% of Cobalt and Manganese based on resin solids. Water dispersible driers preferred, but not mandatory.
3. Premix driers with 611S prior to addition to batch.
4. Use a non-ionic surfactant (such as: CO-630) to the emulsion & drier pre-blend; 1 qt surfactant to 100 gallons of paint.
5. Epitex 611S cannot be safely added at the time of the pigment dispersion. It is best incorporated as the last ingredient of the formulation, using moderate agitation.

**Caution**
Avoid excess mixing and air introduction during blending with driers.

**Typical Properties**

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|---|---|
| **Viscosity** | **2,000 – 6,500 cP** |
| **Color** | **White** |
| **Solids** | **52 ± 4%** |
| **Density** | **8.50 ± 0.15 lb/gal** |
| **Reduced Viscosity** | **8 – 40 cP (@ 20% in Water)** |
| **Solvent** | **46.75% Water** |
| | **1.25% VM&P Naphtha** |

**Shelf Life: 1 year in a sealed container at 77°F.**
**Mix well before using!**

**Precautions**
Some materials in this product may cause skin and eye irritation and/or sensitization or other allergic responses upon repeated contact. Therefore, this product must be handled with extreme care and in strict adherence to good industrial practices. Before using it or any other product referred to in this bulletin, consult the applicable Safety Data Sheets for appropriate handling procedures and protective equipment.

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