

## TD.426 – TECHNICAL DATA: CSS EMULSION™

Revised: 10.29.11

Product Name: CSS EMULSION™ - Concentrated Solvent Sealer

Product Class: Acrylate Copolymer - Polymeric Ester Solution

CSS EMULSION™ is a proprietary 53% solution of an acrylic copolymer with methyl methacrylate resin dissolved in a high flash aromatic solvent. Solids reduction may be accomplished with an aromatic or oxygenated VOC compliant solvents such as DMC or PCBTF. Xylene or lacquer thinner is not recommended as they are not VOC compliant. Check with local, state and federal VOC laws before use.

Sealers and coatings based on CSS EMULSION™ dry by solvent evaporation and saturation into the substrate to form a very tough protective film that adheres well to concrete, polymer concrete coatings, masonry, plastic, wood and other suitable surfaces. These sealers and coatings based on CSS EMULSION™ exhibit outstanding resistance to water, a variety of chemicals, and to yellowing due to exposure by ultraviolet light.

### **DANGER FLAMMABLE LIQUID – Do Not Use Indoors**

**PRECAUTIONS:** Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors and other sources of ignition during use until all vapors are gone. Prevent build-up of vapors by achieving adequate ventilation. Do not use indoors or in unventilated areas.

### Use Applications:

- Exterior concrete sealer over thin surface repairs and resurfacing.
- Exterior sealer over thin polymer modified decorative overlays, included but not limited to: Splatter texture/knockdown applications, base/skim coats, broom finishes, thin stamped overlays, stenciled cement and more.
- Exterior sealer for full depth stamped concrete applications.
- Exterior sealer for stained or colored concrete applications.

### Key Features:

- Sold as a concentrate to decrease shipping costs and allow users to determine specific performance needs.
- Increased levels of water, chemical, UV and abrasion resistance.
- Increase versatility and application range.
- VOC complaint via exempt solvents when using VOC complaint/exempt solvent such as DMC or PCBTF.

### Product Properties:

- Appearance - Clear, colorless, thick viscosity solution
- Smell - Light aromatic solvent
- Flash Point - 100° F minimum
- Film Properties (Pencil Hardness) - 6H
- Viscosity @ 25° C - Z3
- VOC of 154 g/l
- Weight, Lb. Per gal. - 8.2 to 8.3
- Application temperature - 35° - 110° F
- Cured - 7 to 10 days

### Available Packaging:

- Stock – 1 gallon, 5 gallon pails or 55 gallon drums

### Suggested Storage:

- Store in a cool place
- Shelf Life - 1 year

DOT Classification: 3 Flammable Liquid with a flash point lower than 100° F (37.8° C). PGIIIOT Identification Number: UN1263 Paint