

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

Product Name: Concentrated Solvent Sealer (CSS Emulsion)

Product Class: Acrylate Copolymer - Polymeric Ester Solution

Elite Crete Systems, Inc. CSS is a 50%+ solution of an acrylic copolymer based on methyl methacrylate dissolved in a high flash aromatic solvent. Solids reduction may be accomplished with either aromatic or oxygenated solvents such as xylene, Oxsol 100 (PCBTF), acetone or lacquer thinner. Check with local, state and federal VOC laws before use. See CSS-V for alternative with non-exempt VOC of 154.7 grams per liter.

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

### DANGER FLAMMABLE LIQUID

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 opening all windows and doors to achieve cross-ventilation.

### Use Applications:

- Cement sealers and coatings over thin surface repairs and resurfacing
- Cement sealers and coatings over thin architectural/decorative overlays, included but not limited to: Splatter/hoppergun applications, knockdowns, base/skim coats, broom finishes, thin stamped overlays, seamless flooring, stenciled cement and more

### 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

### 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
- Weight, Lb. Per gal. - 8.2 to 8.3
- Application temperature - 35° - 110° F
- Cured - 7 to 10 days

### Available Packaging:

- Stock - 5 gallon pails or 55 gallon drums
- Special Order - Inquire

### 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). PGIII

DOT Identification Number: UN1263 Paint