

# TSW4 & TSW8 Acryli-Master

## Graffiti Resistant Clear Protective Coatings

### Product Data Sheet

**Developed to:** Provide repeated protection against graffiti attacks, UV and other environmental pollutants.  
**From:** Most surfaces both painted and non-painted.

**IMPORTANT:** All applicators must call 800-447-2334 or 510-783-5224 prior to application. This is to review proper application methods, register the job and prevent any potential errors. Failure to register prior to application voids any warranty. If no answer when calling, leave a voice mail including your name, phone number, city and state or province and your call will be returned within 24 hours.

#### DESCRIPTION

TSW4 and TSW8 are both water based acrylic, non-sacrificial, graffiti resistant coatings. The difference between TSW4 and TSW8 is the sheen. TSW4 Acryli-Master™ dries to a clear semi-gloss finish and TSW8™ dries to a clear low sheen. They are specifically formulated to provide repeated protection against graffiti vandalism by sealing the surface, preventing the permanent staining caused by graffiti vandalism. Spray paints, permanent markers, lipstick, paint pens, and other commonly used tools of the graffiti vandal can be successfully removed without marring the surface. Surfaces coated with Acryli-Master are also protected from the harmful effects of the environment (smog, ultra-violet rays, sulfur dioxide (SO<sub>2</sub>), smoke, ozone, dirt, wind, sea mist and spray, and other common urban pollutants). **Graffiti can be removed multiple times using TSW2R Multi-Master™ or TSW9 Plasti-Master™ Removers. TSW will not guarantee the coatings durability when other methods of removal are used.**

#### **VOC's**

TSW4 = 98 g/L / TSW8 = 92.8 g/l

#### **Solids by Weight**

Approximately 26%

#### SURFACE PREPARATION

Concrete / Stucco / Paint: Remove any loose stucco, efflorescence, or laitance. Allow new stucco or concrete to cure at least 30 days prior to coating. On natural surfaces pH must be between 7 and 10. **(TSW offers pH Testers)** For painted surfaces 100% acrylic paint is recommended. Allow paint to cure 48 hours prior to application. It is always best to perform a test patch to ensure compatibility.

**POROUS SURFACES (NON-PAINTED)** – Dilute the 1<sup>st</sup> coat 40% with water to fill the pores. A minimum of one coat should be applied over the entire surface to prevent moisture from getting behind the coating. If it is a free-standing surface such as a sound or property barrier wall, a minimum of one coat should be applied on all exposed surfaces (both sides, caps and top) to prevent moisture from getting behind the coating. If the surface has been pressure washed, we recommend waiting a minimum of 2-5 days prior to application depending upon weather. If possible, test the surface with a moisture meter. For CMU OR SPLIT FACED BLOCK surfaces five coats are recommended.

#### SIDING

Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.

**PAINTED SURFACES** – A cure time of 48 hours is recommended for latex paint prior to coating. Underlying paint should be 100% Acrylic. *Application of Acryli-Master over oil-based paints is not recommended.*

**WOOD, COMPOSITION BOARD** – Patch all holes and imperfections. Prime as directed. Paint with 100% acrylic paint or sealer before applying Acryli-Master.

#### APPLICATION

For larger surfaces (over 600 sq/ft) an airless sprayer is the recommended method of application. If applied too heavily Acryli-Master will run, sag and become semi-opaque. Do not apply in direct sunlight or when surfaces are hot to the touch. Catch runs and sags immediately with a pad painter or dry brush before product begins to cure and harden. Always work to a wet edge. 4-5 coats are recommended. Drying time is approximately one hour at 77°F / 25°C and 50% relative humidity. One hour or dry to the touch between coats. **Acryli-Master will protect approximately 135 sq. ft. per gallon after applying all recommended coats. Apply THIN coats (1 mil. per coat). DO NOT ATTEMPT TO APPLY ONE HEAVY COAT.** If applied too heavily Acryli-Master can turn opaque, whitish or cloudy. Protect adjacent surfaces. Keep container closed when not in use.

TSW8 Acryli-Master must be thoroughly mixed or blended prior to decanting or adding Acryli-Link™ as flattening agents may have settled to the bottom of the container. Add three ounces of Acryli-Link™ per gallon of Acryli-Master and stir until thoroughly blended. **Do not mix more than can be applied in a six hour period.** It is important to catch any runs, drips or sags before drying. For small areas, touch-up or when airless application is not practical, a roller and/or brush may be used.

See notes below. When coating **porous surfaces (non-painted)**, a diluted prime coat (40% with water to fill the pores) and 4 to 5 top coats are recommended. **Protecting painted, sealed or smooth surfaces** requires a minimum of 4 thin coats.

### **CAUTIONS**

Do not apply at temperatures below 45° F / 7° C or greater than 95° F / 35° C. Protect from freezing. Contains Ethylene glycol butyl ether. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH/MSHA TC23C or equivalent) or leave the area. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. For further safety information consult Safety Data Sheet.

### **BRUSH / ROLLER / PAD**

Use a nylon brush, paint pad or appropriate short nap roller with synthetic cover. Acryli-Master can foam when rolled. To prevent foaming you can thin Acryli-Master 5% with water. If foam or bubbles do appear, smooth surface with dry brush or pad painter.

### **SPRAY – AIRLESS**

Porous Surfaces: Split faced block etc: Tip Size .015"

Less Porous: Concrete, Exposed aggregate: Tip size .013"

Painted or Sealed Surfaces: Tip Size - .011"

**CLEANUP INFORMATION:** Clean spills and splatters immediately with soap and water. Clean hands and tools immediately after with TSW5 Spray Clean or soap and water. After cleaning, flush airless sprayer with suitable cleaners such as TSW5 Spray Clean™.

**PACKAGING:** Acryli-Master is packaged in a test kit, ½ Gallon, single gallon and five gallon quantities.

## **CARE AND CLEANING OF TSW4 & TSW8 ACRYLI-MASTER COATINGS**

### **GRAFFITI REMOVAL**

Graffiti can be removed multiple times from protected surfaces using TSW2R Multi-Master™ or TSW9 Plasti-Master™. TSW will not guarantee the coatings durability when other methods of removal are used. It will be necessary to re-coat areas that have been repeatedly cleaned as some coating removal will occur. In these instances re-apply Acryli-Master to the affected areas as necessary to maintain the integrity and thickness of the protective coating. Acryli-Master protects painted surfaces from outdoor exposure.

### **MAINTENANCE AND CLEANING**

Use cleaning agents that can be used on exterior acrylic latex paints. Always minimize contact of cleaning agents with skin, avoid breathing fumes or vapors, wear goggles and carefully follow instructions by the cleaning agent manufacturer. Sponge apply cleaning agents. Any necessary scrubbing should be done with soft nylon bristle scrub brushes. Steel wire bristles may leave broken off particles in the finish that will cause rust staining and may be too aggressive damaging the coatings. Test cleaning should be done on a small inconspicuous area of the finish to ensure no detrimental effect will occur. Cleaning of soiling should begin with dry finishes. If the finishes have been well soaked by rain, lawn sprinklers, etc. cleaning action may drive soiling deeper into the finish.

### **REMOVING THE COATING**

Acryli-Master can be removed from natural, non-painted surfaces (brick, concrete, masonry etc) using TSW3G Mason-Master and a pressure washer. Painted surfaces coated with Acryli-Master can be painted over without having to strip the coating.

**HEALTH AND SAFETY INFORMATION:** KEEP OUT OF REACH OF CHILDREN. Do not take internally. Neoprene gloves are recommended for prolonged or repeated contact. Guard against splashing into eyes. Contains: Ethylene glycol butyl ether. Use with adequate ventilation. This product contains no chemical at a level which poses a significant risk as defined by California Proposition 65. There are no known chronic health effects caused by using this product.

**FIRST AID:** For eye contact flush with large amounts of water. If irritation persists, contact a physician.

### **RETURN POLICY**

There are no returns of product purchased from TSW after 30 days. If approved for return there is a minimum 35% restock fee. Product must be in unopened original condition and include Acryli-Link.

For complete safety information refer to SDS or call customer support at 800.447.2334.

**CHEM-TEL 24-Hour Emergency Contact # 800.255.3924** Visit our website [www.tswusa.com](http://www.tswusa.com)

**Questions? Comments? Contact tech support at 800.4GRAFFITI (800.447.2334)**