**Sher-Clear™**

**1K Waterborne Acrylic Clear Coat**

B66C00380 Semi-Gloss

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**Characteristics**

Sher-Clear® is a waterborne one component (1K), UV resistant, acrylic clear coat. It provides color and gloss protection over newly applied industrial waterborne coatings and select solvent based coatings. It can also be applied to existing waterborne coatings and select solvent based coatings.

**Features:**
- Great gloss retention
- Fast dry
- Brush, roll or spray
- Apply over multiple coatings

**Recommended for use:**
- For exterior use over acrylics and certain solvent based coatings.
- To extend the weathering properties of acrylics and certain alkyds.
- Equipment & Machinery
- Exterior Storage Tanks
- Piping & Structural Steel
- Corporate logos/signs
- Amusement parks
- Suitable for use in USDA inspected facilities

**Finish:** Semi-Gloss 30-40°@60°

**Color:** Clear

**Recommended Spreading Rate per coat:**
- Wet mils: 3.0-5.5
- Dry mils: 1.1-2.0

**Coverage:** 286-520 sq. ft. per gallon

Approximate spreading rates are calculated on volume solids and do not include any application loss.

**Drying Schedule @ 3.0 mils wet, @ 50% RH:**
- Drying, recoat times are temperature, humidity, and film thickness dependent.
- To touch: 1 hour 45 minutes 5 minutes
- To handle: 2 hours 1 hour 15 minutes
- To recoat itself: 4 hours 2 hours 15 minutes
- To cure: 21 days 14 days 7 days

**Tinting:** DO NOT TINT

**V.O.C. (less exempt solvents):**
- 81 grams per litre; 0.68 lbs. per gallon

As per 40 CFR 59.406

**Volume Solids:** 36 ± 2%

**Weight Solids:** 38 ± 2%

**Weight per Gallon:** 8.62 lb

**Flash Point:** N/A

**Shelf Life:** 12 months, unopened

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**Application**

- Temperature: minimum 50°F / 10°C maximum 120°F / 49°C
- Air, surface, and material at least 5°F above dew point
- Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer:** Water

**Airless Spray:**
- Pressure: 1500 p.s.i.
- Hose: 1/4 inch I.D.
- Tip: .013 - .015 inch
- Filter: 60 mesh

**Conventional Spray:**
- Gun: Binks 95
- Fluid Nozzle: 66
- Air Nozzle: 63 PB
- Atomization Pressure: 50 p.s.i.
- Fluid Pressure: 15-25 p.s.i.
- Reduction: As needed up to 10% by volume

**Brush**

**Roller Cover**
- 1/4-3/8 inch woven solvent resistant core
- Nylon-polyester

**Spray Equipment**

- Hand stir prior to use.
- Do not shake.
- When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.
- Allow to dry one week before checking adhesion.

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Allow to dry one week before checking adhesion.

Application of a clear coating may change the color appearance of the base coat. Apply a test patch prior to coating entire project.

Always check compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion.

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**Compliance**

As of 02/26/2020, Complies with:

- OTC
- OTC Phase II
- SCAQMD
- CARB
- CARB SCM 2007
- Canada
- LEED® v4 & v4.1 Emissions
- LEED® v4 & v4.1 V.O.C.
- EPD-NSF® Certified
- MIR-Product Lens Certified
- MPI®

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**Specifications**

Apply: Sher-Clear Clear @ 1.0 - 2.0 mils D.F.T. per coat over the following coatings:

**Acrylics:**
- Bond-Plex Waterbased Acrylic
- Metalatex Semi-Gloss
- Pro Industrial Acrylic
- Pro Industrial DTM Acrylic
- Pro Industrial Multi-Surface Acrylic
- Sher-Cryl
- SprayLastic

**Alkyds*:**
- Industrial Enamel
- Industrial Enamel HS
- Pro Industrial Urethane Alkyd
- Pro Industrial Waterbased Alkyd-Urethane Steel Master 9500

*Note: Do not use over white and very light pastel colored alkyds.

The systems listed above are representative of the product's use, other systems may be appropriate.
**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. Do not use hydrocarbon solvents for cleaning.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Previously Painted Surfaces** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Always check compatibility of the previously painted surface with the new coating by applying a test patch of 2-3 square feet. Allow to dry thoroughly for 1 week before checking adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

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**SAFETY PRECAUTIONS**

Before using, carefully read CAUTIONS on label. Refer to the Safety Data Sheets (SDS) before use.

**FOR PROFESSIONAL USE ONLY.**

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

**CLEANUP INFORMATION**

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer’s safety recommendations when using solvents.

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