**Sher-Clear™**  
1K Waterborne Acrylic Clear Coat  
B66C00375 High Gloss

### 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 alkyls.  
- Equipment & Machinery  
- Exterior Storage Tanks  
- Piping & Structural Steel  
- Corporate logos/signs  
- Amusement parks  
- Suitable for use in USDA inspected facilities

**Finish:**  
High Gloss 85°+@60°

**Color:**  
Clear

**Recommended Spreading Rate per coat:**  
- Wet mils: 3.0-5.5  
- Dry mils: 1.0-2.0  
- Coverage: 288-577 sq.ft. per gallon  
- Theoretical Coverage: 577 sq.ft. per gallon @ 1 ml dry

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

**Drying Schedule @ 3.0 mils wet, @ 50% RH:**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>To touch</th>
<th>To handle</th>
<th>To recoat itself</th>
<th>To cure</th>
</tr>
</thead>
<tbody>
<tr>
<td>@50°F</td>
<td>1 hour</td>
<td>2 hours</td>
<td>4 hours</td>
<td>21 days</td>
</tr>
<tr>
<td>@77°F</td>
<td>45 minutes</td>
<td>1 hour</td>
<td>2 hours</td>
<td>14 days</td>
</tr>
<tr>
<td>@120°F</td>
<td>5 minutes</td>
<td>15 minutes</td>
<td>15 minutes</td>
<td>7 days</td>
</tr>
</tbody>
</table>

**Tinting:**  
DO NOT TINT

### 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®  

**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

**Reduction:**

- 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**

- Nylon-polyester

**Roller Cover**

- 1/4-3/8 inch woven solvent resistant core

If specific application equipment is listed above, equivalent equipment may be substituted.

### 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

**Alkyls:**
- 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 alkyls.

The systems listed above are representative of the product’s use, other systems may be appropriate.

**Characteristics:**

- 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.

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.
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.

Mildew - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

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.

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.