

Product Information



Diamond Luster

GLASS: PORCELAIN, TILE

METAL: STAINLESS STEEL

FIBERGLASS

Description: Diamond Luster is a non-abrasive liquid designed to renew glass and metal. It removes water spots and corrosion on glass and metal. Once renewed, the surface can be treated with Diamond Seal Systems Protective Products to seal and protect the surface from further corrosion and oxidation. Applied by hand or by using the Orbitek glass polishing system.

Uses:

- A. **Glass: Diamond Luster** is used to remove Stage I and Stage II corrosion on glass.
- B. To identify corrosion, simply clean the glass surface with **Micro fiber cloth and Surface Prep**. If spots are still visible, the corrosion process has started. "Stage I" and "Stage II" corrosion simply reference the extent of corrosion. Stage I is less severe corrosion than Stage II.
- C. Corrosion on glass is present when contaminants such as water, acid rain, and salt fog react with the glass material and begin to breakdown the surface structure. When this happens, spots begin to form on the glass obstructing its clarity. In the more severe cases; an etched, white glaze appears on the surface severely obstructing clarity.



F.1.2.1.1.1 Stage II corrosion

Diamond Luster should not be used on metalized glass surfaces.

D. **Metal: Diamond Luster** is used to remove some Oxidation and Water Corrosion on metal surfaces. As metal surfaces are exposed to even minor environmental contaminants, they lose brightness and luster due to oxidation of the surface. **Diamond Luster** easily removes this oxidation and renews the surface. Once renewed, the surface can be sealed and protected from further oxidation.

E. **Tile, Porcelain and Fiberglass: Diamond Luster** is used to remove hard water spots, scum and mineral buildup on tile, porcelain and Fiberglass. **Diamond Luster** easily removes these contaminants and renews the surface. Once renewed, the surface can be sealed and protected from further buildup.

General Information:

A. **Mixing:** Diamond Luster is a single component product packaged ready-to-use. When used to renew Fiberglass and painted metal surfaces dilute with 50% water.

B. **Coverage Rate:** The typical coverage rate for most applications unless otherwise noted in the Applications and Methods section is approximately 100 square feet per 8 ounces.

C. It is recommended that the actual coverage rate for a specific application be measured for future reference in estimating.

D. Precautions

1. Wear Nitrile gloves when handling this product.
2. Ventilate enclosed or dead air areas during application.
3. Carefully review and follow the Material Safety Data Sheet for this product before use.
4. Keep away from children.
5. Do not ingest or take internally. If swallowed, do not induce vomiting--Get medical attention immediately. For eye contact: Flush with water. For skin contact: Wash with soap and water.

E. Cleanup and Removal

1. Clean with soap and water.

Application Method

A. **Hand Application Method:** This method is proven effective for light and moderate water spotting, corrosion and oxidation on glass, tile, porcelain and metal.

1. Equipment Required:

- a. Nitrile Gloves
- b. Clean Water
- c. Recommended 3m White Scotch Brite Pad or 0000 Steel Wool

2. Procedure:

- a. Apply a generous amount of **Diamond Luster** to the pad.
- b. Rub the pad over a small area in a circular direction until the spotting of corrosion disappears.
- c. Clean the entire area with Isoprophyl alcohol and treat with the appropriate Diamond Seal Systems TREATMENT.

B. **Rotor Tool Method:** This method is proven effective for heavy water spotting, corrosion and oxidation on glass, tile and porcelain that cannot be removed with the Hand Application Method.

1. Equipment Required:

- a. Nitrile Gloves
- b. Spray bottle containing clean water
- c. 3m white scotch brite pad or 0000 Steel Wool
- d. 1,500-RPM rotor tool. (Recommended Brand: Diamond Seal Systems Orbitek™ available from Diamond Seal Systems)

Technical Information and Physical Properties:

Compatible Substrates: Glass, Tile, Porcelain and Metal

Cure Schedule: Not Applicable

Recommended DFT: Not Applicable

Color: Light Tan

Viscosity: Unknown

% Solids by Weight: Unknown

% Solids by Volume: Not Applicable

UV Resistance: Not Applicable

Adhesion: Not Applicable

Application: Hand Wipe and Rotor Tool

Application Temperature: N/A

Dry Time: N/A

Odor: Light odor

Weight per gallon: N/A.

VOC Content: 200 gm/gallon approx.

Reduction: None

Resistance to Chalking: N/A

Resistance to Thermal Change:N/A

Maintenance:

Not Applicable