



CAVITY COATER

TDS / Directions & Application Information



Cavity Coater is a one-step, super-penetrating corrosion inhibiting coating (CIC) for long-term rust protection on all metal surfaces. It forms a self-healing film rated at more than 4,000 hours of ASTM B-117 salt spray on steel. Use it with a Cavity Wand (attaches to the aerosol) to protect hard-to-reach enclosed cavities such as rocker panels, boxed frames, inside doors and fenders, deck lids and tailgates.

To achieve expert results, please take the time to carefully read and understand the following directions before you begin your restoration project. These directions are meant to be general guidelines only and do not cover every application or environmental situation. If you have remaining questions or concerns, please contact us for technical assistance.

ALWAYS WEAR PROTECTIVE GLOVES AND SAFETY GLASSES. ALWAYS WORK IN A WELL-VENTILATED AREA.

Please heed all warning and caution notices on all KBS products.

SURFACE PREPARATION

Cavity Coater requires minimal surface preparation to be effective. Remove any readily accessible loose, scaly rust. If grease or oil is present, clean the surface using **KBS Klean**. The surface should be dry.

CAUTION: Avoid contact with skin, eyes and clothing. Wear protective gloves and protective goggles. DO NOT SMOKE. Use only with adequate ventilation during application and drying.

NOTE: Do not caulk or paint over Cavity Coater. Apply Cavity Coater **AFTER** paints and coatings have completely cured.

COVERAGE

Aerosol: 125 sq. ft. **Quart:** 200 sq. ft. **Gallon:** 800 sq. ft. (all at 1 mil thickness)

AEROSOL CAN DIRECTIONS

Shake the can **extremely well** before use, and again often during application. Hold the can approximately 8 to 12 inches from the surface. Apply a thin, even coat of 1 mil thickness. Cover completely but do not over-saturate. Wait 10 minutes for the coating to wick into the seams and weld joints, then remove any excess with a clean rag dampened with mineral spirits.

For additional protection, Cavity Coater can be applied to weld seams after painting, if desired. Remove any excess as described above.

Using the Cavity Wand: The Cavity Coater Aerosol and Cavity Wand work best between **70°F and 80°F**. Attach the wand by gently pushing the spray tip into the aerosol can while giving it a slight twist. Insert the wand through a 1/4 inch hole. If the cavity has no drain hole, drill one at the lowest accessible point; it also serves as the access hole. Insert the wand fully, then depress the spray tip and spray while withdrawing at about 2 inches per second. Repeat as needed to ensure complete coverage.

BULK CAN (QUART AND GALLON) DIRECTIONS

Surface preparation is the same as above. Cavity Coater must be at room temperature. Stir it well for 3 to 5 minutes until it has achieved a homogeneous state.

Apply through the **KBS Schutz Underseal Spray Gun** with a **KBS 48 inch 360° Spray Wand** (needs a 3/8 inch hole), or an auto body Schutz-type applicator gun with spray wand. Thin 30 to 50 percent with **KBS #1 Thinner** or mineral spirits as needed, then stir for 3 to 5 minutes until homogeneous. Set 90 to 150 PSI at the gun. Cavity Coater may be poured into a clean container pot that fits your applicator gun.

Apply a uniform coating to interior surfaces. For optimum protection, a 1 mil dry film is recommended. Spray while withdrawing the wand at about 2 inches per second; varying air pressure and wand speed will help control coverage.

WARNING: When sprayed into enclosed areas such as door panels, the solvents in Cavity Coater may require several hours to escape.

During this time, keep the area away from heat, sparks, electrical devices and open flames which could ignite vapors.

USING CAVITY COATER WITH RUSTSEAL

Cavity Coater plus RustSeal gives **Inside PLUS Outside Rust Protection**. RustSeal protects the outside of the surface and Cavity Coater protects the interior cavity. Sealing both sides gives the longest-lasting rust protection.

ORDER OF APPLICATION: Prep the surface and apply RustSeal **FIRST**. Let the RustSeal cure. Then apply Cavity Coater **LAST**. It is normal to get Cavity Coater on the exterior surface, and RustSeal will not adhere to Cavity Coater. There is no issue getting Cavity Coater on fully cured RustSeal.

REMOVING EXCESS AND CLEANING THE CAVITY WAND

Lightly dampen (do not soak) a clean, dry rag with mineral spirits and wipe off any excess Cavity Coater.

Flush the Cavity Wand after each use by inverting the aerosol can and spraying for **10 seconds**. A flushed wand can be reused for many jobs.

TECHNICAL DATA

Generic Type	Single step, super penetrating corrosion inhibiting coating (CIC)
Color	Light amber
Dry Film Thickness	1 mil dry, one coat
Theoretical Coverage	Aerosol 125 sq. ft., Quart 200 sq. ft., Gallon 800 sq. ft., all at 1 mil
Optimal Working Temperature	70°F to 80°F
Corrosion Resistance (ASTM B-117)	Greater than 4,000 hours on steel
Low Temp Flaking	Pass, to minus 60°F
Penetration (BMS 3-23F)	Pass
Compatibility (Cd, Mg, Al)	Pass, no pitting on non-ferrous metals
Water Displacement / Resistance	0% rust / Pass
Effect on Paint	None
Thinning (bulk spray only)	30 to 50 percent with KBS #1 Thinner or mineral spirits
Spray Pressure (bulk)	90 to 150 PSI at the gun
Clean Up	Mineral spirits

Sprayable VOC (using KBS #1 Thinner): less than 360 g/l

Please see SDS and follow all warnings and cautions.

Made in the USA.

Information contained herein is to our knowledge true and accurate, but all recommendations or suggestions are made without guarantee. Since the application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.

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