



User Guide for ProtectaClear® Coating: STAINLESS STEEL

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NEW OR CLEAN STAINLESS STEEL: Solvent wipe and apply coating (see Step 4 below)

RUSTED OR OXIDIZED STAINLESS STEEL: Follow the **4 BASIC STEPS** in preparation

1. PREPARATION

1. Stainless Steel to be coated must be completely clean and dry before coating. All coatings, silicone cleaners and oxides must be removed.
2. Clean rusty stainless steel to remove excess carbon. Use a Rust remove for stainless steel. Synthetic steel wool can also be used. Clean with the grain. Do not use regular steel wool to clean stainless – it will create more rust. Rusty stainless can also be wet sanded with very fine sandpaper (600–2000) grit depending on grain.
3. Neutralize. Passivation processes can contain acid, the surface must be neutralized. Use 1 cup baking soda mixed with 20 litres of water. Wash the metal with the neutralizing solution. Rinse with fresh water. Dry with clean soft cloth to prevent spotting.
4. Solvent wipe the metal with xylene or denatured alcohol to remove any traces of residue (from polishes, waxes, oils, buffing compounds, etc.). This step needs to be done immediately before coating. Skipping this step will result in poor adhesion of the coating.

2. APPLICATION

****Apply the coating on a completely dry surface. Warming the metal with heat gun or hair dryer will help ensure a dry surface. Let the surface cool before coating*****

1. Pour the coating into clean, dry, metal or glass container. **DO NOT DILUTE COATING.** (Do not use plastic as the solvent can melt plastic.)
2. For application use a microfiber roller, natural bristle paint brush or paint sprayer with a fine-finish tip.
3. Dip applicator completely into the ProtectaClear®. This is important so there is no dry areas on the applicator which can cause streaks. Squeeze out just the excess. Applicator should be saturated but not dripping.
4. Apply ProtectaClear® coating to the surface letting the applicator glide across the surface. Do not press hard. Applicator should glide smoothly, when it starts sticking, dip the applicator again. If you get drips, simply smooth them out with your applicator.

*****Test a small area & observe the coating. If there is fisheye or the coating separates, STOP, remove the coating & re-clean the surface. *****

Many stainless steel cleaners contain silicone. Silicone can cause separation & can be cleaned with mineral spirits or lacquer thinner. After using these solvents, re-clean with xylene or denatured alcohol to insure a completely clean surface.

5. Let the coating dry. You may see brush marks immediately after coating. It will self-level if left alone. If you see an area you missed, let it dry and then coat over the missed area.

Two coats are recommended on most surfaces, allow at least one hour between coats



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CURE TIME: Under normal circumstances & with good ventilation, the coating will be cured after 4-5 days. The coating **MUST** be cured before allowing water to sit on surface. Before allowing water to sit on the coated surface, please make sure that the coating has cured for at least a week.

AFTER CARE: Do **NOT** use solvent based cleaners on coated metal. Do not use cleaners with “petroleum distillates”. Suggested cleaners: Mild soap & water or similar.

DANGER: HARMFUL OR FATAL IF SWALLOWED. KEEP OUT OF REACH OF CHILDREN.

FIRST AID: In case of eye contact, flush thoroughly with plenty of water for 15 minutes and get medical attention. For skin contact, wash with soap & water. In case of respiratory difficulty, provide fresh air & call a Doctor.

NOTICE: Reports have associated repeated & prolonged over-exposure to solvents with damage to health. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CAUTION: Combustible liquid. Material does not sustain combustion. Do not smoke or use near flame. Use with adequate ventilation. Avoid continuous breathing vapour or spray mist. Avoid prolonged contact with skin. Wear gloves & eye protection. Store in a cool, dry place.
