



# APPLICATION GUIDE

## MC-161 MATTE CERAMIC CLEAR

**\*Preparation of substrate is crucial for maximum adhesion and performance of this material**

1. Completely disassemble the item to be coated. If pins or parts are left in, they can produce runs and ruin the finish.
2. Prepare surface to remove oil, contaminants or any unwanted coatings from the substrate.
3. For polished metals that must retain a specific appearance, an organic solvent such as tert-butyl acetate should be used to clean the surface. Acetone, alcohols, MEK and other organic solvents that carry moisture should be avoided.
4. Hang parts to allow for best view and application access. This can be done by using support wires or hooks. Make sure to place parts in such a way that they will not bump into each other. Do not touch parts with bare skin.
5. Blow off substrate with a high pressure air nozzle to remove any dust left on the surface. Work in a well ventilated area and wear a respirator. See SDS for safety and handling information.
6. Coating is ready to spray and should not be thinned. Gently shake container and pour through a 100 mesh filter into a high quality HVLP detail spray gun with a 0.8 mm tip, such as an IWATA LPH-80 (Cerakote Part #SE-138). The use of a small spray tip pattern will aid in coating hard to reach areas without excessive build up in surrounding areas. Electrostatic application may also be an option.
7. A single wet coat is recommended for a 0.50 to 0.75 mil dry film thickness. Work from the most difficult surface out to the easiest. This will aid in reducing runs or excessive build up.
8. Allow to air dry. Parts will be tack free after approximately 45 to 60 minutes. Until this point the coating is still wet and should not be touched. Parts will be partially cured after 24 hours and fully cured 5 days after application.
9. Finished goods may be handled, packaged and shipped after 24 hours when the coating is partially cured.
10. Clean tools and equipment with tert-butyl acetate or acetone.

*Please contact a **Cerakote** technician with questions on proper use and/or application. Onsite or offsite training courses are available for further instruction. **Consult your SDS for proper handling, disposal, cautions while using this product.***

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The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.

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