



THE COMPLEAT SCULPTOR

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TECHNICAL INFORMATION SHEET - PRESTO BLACK® BST4 BRUSH-ON BLACKENER

PRESTO BLACK BST4 blackener is an instant-acting, brush-on finish for all iron and non-stainless steel alloys. The product is applied at room temperature, and produces a black finish with no dimensional or structural change to the base metal. The PRESTO BLACK finish is suitable for use on precision tooling and machine components or on decorative ironwork, hand-forged items or weldments.

INSTRUCTIONS

1. Thoroughly clean and degrease parts to be processed, using a detergent cleaner followed by a thorough water rinse. Or use a solvent cleaner that does not leave a residue, such as alcohol, acetone or lacquer thinner. (Do not use mineral spirits)
2. (Optional) Remove surface oxide by bead blasting or by using an abrasive pad.
3. Using a sponge or synthetic brush, liberally apply the PRESTO BLACK BST4 solution to the part over the entire surface. The objective here is not to apply a single thin film but to essentially flood the surface with blackening solution, using several applications of fresh BST4 solution while the part is blackening. For large surfaces, apply the BST4 solution with a pump sprayer to facilitate wetting a larger area in a few seconds. Note: A splotchy finish usually indicates incomplete cleaning.
4. Rinse parts thoroughly with cold water and force dry. Large items should be given a second rinse with a baking soda solution to stop the reaction and inhibit flash rusting during drying. Mix a 2% solution, or 1 tablespoon baking soda per gallon of warm tap water. Flood the surface with this mixture and dry the part.
5. Polish with soft cloth to remove excess black material from the surface.
6. Apply a protective topcoat such as BIRCHWOOD CASEY SHEATH® oil, DRI-TOUCH® corrosion inhibitor or clear lacquer. The color will be enhanced as the topcoat saturates the PRESTO BLACK finish. Do not judge the color until the sealant is completely absorbed.

CAUTION

This product contains mineral acid. **DO NOT TAKE INTERNALLY.**

READ MATERIAL SAFETY DATA SHEET BEFORE USING. IF SPRAYING THE PRODUCT, USE ADEQUATE VENTILATION AND SUITABLE RESPIRATORY EQUIPMENT.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, the manufacturer will not be responsible for damages of any kind resulting from the use of or reliance upon such information. NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.

09/04 PRESTO BLACK® BST4

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