

User Guide for B/OX™ 312 GEL

1.) Degrease

Do not use petroleum solvents. Degrease using alcohol, chlorinated solvents, vapor degreasing, a liquid detergent, E-Kleen 154 acid base cleaner, or E-Kleen 163 at room temperature. Let the cleaner work for **1-3 minutes**.

- ▶ **NOTE:** If the part(s) has been sand-blasted or mechanically prepared, the cleaning step can be skipped as long as the parts are free from any oils, lacquers, finger prints, or other soils. **If this is the case, skip to step 3.**

2.) Rinse

Rinse with running water and damp sponge or cloth. If water breaks occur, return to step one and reapply cleaner. Water breaks indicate the substrate is not clean.

3.) Blacken

Blacken using full-strength B/OX 312 GEL; apply with cotton swab, sponge, or brush with a light rubbing action for **1-3 minutes**, ensuring a smooth and even coverage. You may reapply fresh gel if the reaction has stopped.

- ▶ **NOTE:** The depth of brown is controlled by the length of time the solution is left in contact with the metal surface.

4.) Rinse

Rinse several times with running water and then with water containing 2oz per gallon of baking soda to remove residual solution. The baking soda will ensure complete neutralization and removal of the residual acidic B/OX 312 GEL solution.

- ▶ **NOTE:** If residual solution is not completely removed, surface may corrode while drying.

5.) Dry

Wipe dry, or force-dry with a heat gun. Do not use compressed air to dry!

6.) Seal

Option 6a. *For a somewhat oily finish:* use E-Tec 502

Option 6b. *For a soft, non-tacky dry finish:* use E-Tec 505

Option 6c. *For a hard, clear acrylic finish:* use E-Tec 520

Option 6d. *For a clear wax finish:* E-Tec 521

Option 6e. *For architectural finishes:* use E-Tec 520, E-Tec 521, or RENWAX. Please see relevant Technical Data Sheets for more information on how to use these products.

Be sure to read and understand the Technical Data Sheets and Safety Data Sheets for each of these products before using them. Please see the B/OX™ 312 GEL Technical Data Sheet for more detailed processing instructions.