



Birchwood Laboratories LLC
7900 Fuller Road
Eden Prairie, MN 55344
Tel: 952 937 7931
Fax: 952 937 7979
www.birchwoodtechnologies.com

PEWTER BLACK™ PB2 Blackening Solution

Operating Instructions

PRODUCT DESCRIPTION

PEWTER BLACK™ PB2 is a room temperature blackening and antiquing solution for pewter, tin and lead alloys. Supplied as a liquid concentrate, the product forms a durable black tin oxide coating that is non-toxic and non-dimensional. The finish is easily relieved by buffing with abrasive pads or wheels.

OPERATING CONDITIONS

Bath Makeup Concentration	10-20% by volume in tap water.
Operating Temperature	Room temperature.
Immersion Time	15-90 seconds.
Tank Construction	Plastic or acidproof materials.

PROCESS SEQUENCE

1. CLEAN the metal surface to remove all oils, mold-release compounds and other surface soils, using SAFE SCRUB® liquid cleaner at 20% by volume; 140° F; 5-8 minute soak.
2. RINSE parts in clean water; 30 seconds.
3. BLACKEN the parts by immersing in PEWTER BLACK solution until an acceptable gray/black finish has developed. Small parts should be gently agitated to ensure uniform chemical contact.
4. RINSE parts in clean water; 30 seconds.
5. SEAL the finish with a clear topcoat, such as SATIN SHIELD® or CLEARLOK®. The parts can be highlighted, or relieved, using a vibratory finisher, buffing wheel, etc., to produce an antiqued appearance. Then, dry and seal with one of the above products, or other appropriate topcoats.

BATH MAINTENANCE

As the PEWTER BLACK™ solution works, its concentration will gradually diminish and the blackening reaction will slow down. The bath can then be replenished with fresh PB2 concentrate to restore its normal working strength and original blackening time. The PEWTER BLACK™ solution can also be tested with the Color Change Kit, available from Birchwood Technologies®, to determine its concentration.

Before Using This Product – Please Read, Understand and Follow all the Precautions shown on the Product Label and on the Safety Data Sheet.

The Safety Data Sheet can be found on our website: www.birchwoodtechnologies.com

Use Appropriate Warning Labels on any Container used to Store or Apply this Product.

PACKAGING

5 and 55 gallon plastic non-returnable drums. Store in closed containers.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date below. However, Birchwood Laboratories LLC 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, Birchwood Laboratories LLC will not be responsible for damages of any kind resulting from the use of or reliance upon such information.