



# TECHNICAL DATA SHEET

## Birchwood Technologies M-24 Gel

**Product Description:** **Birchwood Technologies Antique Black M-24 Gel** is designed to blacken bronze, brass, and copper. Antique Black M-24 Gel is ready to go out of the container, no dilution is needed. The unique gel consistency makes it possible to overcome runs and drips, minimizing solution loss due to runoff, even on vertical pieces. Light coats can result in brown finishes; apply more coats to get grey or black finishes.

**Safety:** Use in a well ventilated area. Always wear goggles or face shield, vapor respirator, protective clothing and gloves when handling the product.

**Directions:** 1) Clean the metal with Sculpt Nouveau Metal Cleaner and Degreaser and a Scotch-Brite pad, rinse with water after a few minutes. For more consistent and better reactions, sanding or sandblasting is recommended. Cleaning the surface is mandatory after sanding or handling with bare hands.

**DO NOT** use Acetone or any solvent based cleaners.

2) Apply M-24 Gel to the metal surface by brush, sponge, roll, or spray, however you get the patina on the metal, it will react with the surface but it may show characteristics based on application method. Spraying is the most common method, Sculpt Nouveau recommends the G-100 Sprayer. Normal reaction time is 3-5 minutes though shorter or longer times will vary depending on climate variables and desired finish color.

**DO NOT** allow the patina to dry on the surface.

3) Rinse the patina with water to neutralize the acid and stop the reaction. Sometimes using a sponge or towel works best to rid the surface of any gel residue. Dry with clean white paper towels after rinsing.

4) Reapply the patina as needed to achieve a darker or more uniform finish. Follow steps 2-4 as needed.

5) Heat the metal with a torch or heat gun to evaporate excess water in the metal. Then apply desired clear coat such as Clear Guard or Ever Clear.

**Before Using:** Please read, understand, and follow all the precautions shown on the product label and on the Safety Data Sheets.

The Safety Data Sheets can be found on our website: [www.sculptnouveau.com](http://www.sculptnouveau.com)

### Technical Data

Physical State: Opaque light blue gel

Boiling Point: > 100°C (>212°F)

Coverage: 125 Sq. Ft. Per Gallon

Solubility In Water: Complete

PH: 1.35

V.O.C.: Not applicable

Metals that it is designed

Flammability Limits: Not flammable

to be used on: Bronze, Brass, and Copper

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