



# TECHNICAL DATA SHEET

## Black Magic

**Product Description:** **Black Magic** is designed to blacken all iron and non-stainless steels. Supplied as a ready to use formula, Black Magic should not be diluted but instead applied directly to the cleaned metal surface. Black Magic will also work on bronze, brass, copper, and zinc/galvanized but will often develop in a brownish black or weathered finish on those metals. For use on the Metal Coatings, apply as normal to the Metal Coating while it is wet but after a few minutes rinse with water to avoid a white oxidation build up.

**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 Black Magic 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. 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, avoid direct sun light or rinse sooner than usual.

**3)** Rinse the patina with water to neutralize the acid and stop the reaction. You must also remove the top red and bottom black film developed by the patina. While rinsing, rub softly with a microfiber towel or sponge. If both films are not removed, rust can set in. Black Magic has inhibitors in it to avoid rusting but if left uncoated, or with standing water on the surface, rust will set in.

**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 black and red liquid

Boiling Point: > 100°C (>212°F)

Coverage: About 200 Sq. Ft. Per Gallon

Solubility In Water: Complete  
PH: 2.5

V.O.C.: Not applicable

Metals that it is designed

Flammability Limits: Not flammable

to be used on: Steel

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