



TECHNICAL DATA SHEET

Stainless Black

Product Description: **Stainless Black** is designed to blacken all stainless steels. Supplied as a ready to use formula, Stainless Black should not be diluted but instead applied directly to the cleaned metal surface. Stainless Black will also work zinc/galvanized but will often develop in a brownish black or weathered finish. Often, Stainless Black can form a bluish grey or have reddish tones in the first or light coats, apply more coats to get a darker finish. Usually it will take 3-4 coats to get a dark grey or black.

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. You must sand with 60-80 grit sand paper to get through the nickle and chrome layer for this patina to work. For more consistent and better reactions 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 Stainless Black 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. After using, remove the spray head and rinse with distilled water to avoid contamination from the metal spring.

DO NOT allow the patina to dry on the surface or a brownish finish will develop.

3) Rinse the patina with water to neutralize the acid and stop the reaction. You must also remove the black film developed by the patina. While rinsing, rub softly with a microfiber towel or sponge.

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

Technical Data

Physical State: Transparent blue liquid

Boiling Point: $> 100^{\circ}\text{C}$ ($>212^{\circ}\text{F}$)

Coverage: About 200 Sq. Ft. Per Gallon

Solubility In Water: Complete
PH: 1.5

V.O.C.: Not applicable

Metals that it is designed

Flammability Limits: Not flammable

to be used on: Stainless Steel

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