



TECHNICAL DATA SHEET

Rainbow

Product Description: **Rainbow** is designed to create a variety of color ranging from blues and purples to blacks and browns on bronze, brass, copper, steel, or iron. Supplied as a ready to use formula, Rainbow should not be diluted but instead applied directly to the cleaned metal surface. Rainbow is designed to be applied to a hot surface (about 180-200° F). This patina normally will take a few coats in order to get a good coverage but be careful not to over coat since that can darken or blacken the finish.

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. Test samples with difference cleaning methods will help you understand how the transparency of this patina is a factor. Be careful using heavy abrasives that will leave scratches, those scratches can show through the patina. Cleaning the surface is mandatory after sanding or handling with bare hands.

DO NOT use Acetone or any solvent based cleaners.

2) Heat the metal up to about 180-200° F with a propane torch then apply Rainbow to the metal surface by brush, sponge, 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. You should see some reaction almost immediately. Try to maintain the temperature of the metal around the 180-200° F range. The patina should mist off if you are at the correct temperature. Try not to overheat the metal since that can start changing the finish.

3) Reapply the patina as needed to achieve the look desired (Step 2).

Optional) Do a test sample to see if you like the effects before you do this step on an actual piece. While the metal is still hot from applying the patina, do a quick water rinse, also known as quenching the metal. This can cause changes in the metal but it also rapid cools the metal, helping the metal lock in the colors. Dry the metal with clean white paper towels, then heat the metal with a torch or heat gun to evaporate excess water in the metal.

4) Once dried, apply the desired clear coat such as ColorLoc. After ColorLoc is applied, it is recommended to follow with a more durable 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: Semi-transparent grey liquid

Boiling Point: > 100°C (>212°F)

Coverage: About 200 Sq. Ft. Per Gallon

Solubility In Water: Complete
PH: 4.5

V.O.C.: Not applicable

Metals that it is designed

Flammability Limits: Not flammable

to be used on: Bronze, Brass, Copper, Steel, and Iron

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