



TECHNICAL DATA SHEET

Smart Stains

Product Description: **Smart Stains** are specially formulated to provide a natural looking patina finish or other oxide finish in your desired color. This is a tough, beautiful, and non-hazardous product that contains no volatile organic compounds (VOC). Smart Stains work on most surfaces and will create a hard finish in about 6 hours. Due to it being water based, clean-up is with water. No primer is needed but Smart Stains can go over all Sculpt Nouveau products except the Metal Wax. This can help create unique finishes by layering different looks.

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)** If working on metal: 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 sand-blasting is recommended. Cleaning the surface is mandatory after sanding or handling with bare hands.
1) If working on a non-metallic surface: Ensure that the surface is clean from debris or contaminants **DO NOT** use Acetone or any solvent based cleaners.
2) Smart Stains can be applied as a cold (room temperature or about 60-70° F) or warm (about 120° F) process. Apply the Smart Stain by brush, sponge, roll, or spray, however you get the coating on the metal, it will coat the surface but it may show characteristics based on application method. Spraying is the most common method. For spraying, a HVLP sprayer with a 1.4-1.6 tip is recommended at about 30 psi but you will need to use Teflon tape on the threads to avoid runs. Many other sprayers work as well ranging from 0.75mm tipped air brushes to a 1.5 touch up sprayers. Strain the Smart Stains before filling the sprayer to avoid clogs, thinning with Smart Coat will help create a more transparent finish or help with product flow. Do as many coats as needed to achieve the desired finish
3) You can burnish back the Smart Stains after it has dried, wait at least 24 hours for best results. Burnishing can be down with Graffiti Remover and a microfiber towel.
4) After 24 hours, depending on temperature and humidity, a clear coat is recommended to help preserve the finish. Clear Guard or Ever Clear are the preferred top coats.

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: Liquid color of purchase

Boiling Point: > 100°C (>212°F)

Coverage: About 200 Sq. Ft. Per Gallon

Solubility In Water: Complete

V.O.C.: Not applicable

Flammability Limits: Not flammable

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