

SUPERTEMP-316

VOC COMPLIANT

DESCRIPTION Supertemp-316 is a single package, modified silicone, pigmented with alloy 316 stainless steel flake. It is a very effective high temperature stainless steel coating having improved chemical resistance over conventional high temperature coatings and it is VOC compliant.

USES Supertemp-316 is recommended for use on surfaces subject to normal as well as high temperature exposures.

APPEARANCE Low sheen metallic gray (not available in colors)

RECOMMENDED PRIMERS For normal temperature applications we would recommend that steel surfaces be primed with Prime Solution 5250, before applying Supertemp-316. **NOTE:** If surface temperature exceeds 200°F use Supertemp-316 as its own primer

PHYSICAL PROPERTIES

WEIGHT PER GALLON	9.5 lbs.
SOLIDS BY WEIGHT	57%
SOLIDS BY VOLUME	38%
RECOMMENDED DFT(per coat)	1.5 mils Dry Film Thickness
NUMBER OF COATS	2
WET FILM TO ACHIEVE DFT (Unthinned Material)	4.0 mils
THEORETICAL COVERAGE @ 1 Mil DFT	600 sq. ft. per gallon
PRACTICAL COVERAGE @ RECOMMENDED DFT (Assumes 15% material loss)	345 sq. ft. per gallon
DRY TIMES @ 70°F - 80°F (21° - 27°C) AND 50% RH	Tack Free 30-60 minutes Handle 4-8 hours Recoat 8-24 hours Fully Cured 7 days (can be accelerated)
DRY HEAT RESISTANCE	1200° F
SHELF LIFE	5 years
PACKAGING	Gallon, 5 Gallon and 55 Gallon Drum

SURFACE PREPARATION For best results, a near white blast in accordance with Steel Structures Painting Council specification SSPC-SP-10 is recommended. If a near white blast is not possible, powertool clean as well as possible. **NOTE:** All surfaces must be free of grease, dirt, loose paint, dust or rust before coating. Refer to SSPC-VIS-1-89 visual standard for abrasive blast cleaned to reference standard. Bare steel should be cleaned with BC 4000 Cleaner.

APPLICATION Apply only when air and surface temperatures are between 35°F and 125°F and surface temperature is at least 5° above the dew point.

THINNING

ROLLER/BRUSH	Acetone	Thinning is normally not required. Use 5%-10% if needed (approximately ½ pint per gallon).
AIR-ATOMIZED SPRAY	Acetone	Use 10%-20% or as needed (approximately 1 ½ pints per gallon).
AIRLESS SPRAY	Acetone	Normally not required, use 5%-10% if needed (approximately ½ pint per gallon).
CLEANUP	Mineral Spirits or Xylene	

EQUIPMENT RECOMMENDATIONS

BRUSH	Use good quality natural or synthetic bristle brush.
ROLLER	Use good quality natural or synthetic cover
AIR ATOMIZED SPRAY	Follow equipment manufacturers nozzle and needle selection recommendation for use with medium viscosity paints.
AIRLESS SPRAY	Use .017 to .026 at 2000 to 2500 psi
HOT SPRAY	Recommended temperature 120° to 140°F.

SAFETY INFORMATION

VOC	3.45 lbs. per gallon or 413 grams per liter
USDA	Authorized by USDA for use in federally inspected meat and poultry plants.
FLASH POINT	40°F

WARNING

Flammable liquid. Contains petroleum distillates. Keep away from heat or open flame. Use only with adequate ventilation. Avoid prolonged breathing of vapor or spray mist. Avoid prolonged or repeated contact with skin. Do not take internally.

For specific information refer to the **Material Safety Data Sheet**.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN

PRODUCT ORDERING INFORMATION: SUPERTEMP-316 VOC Compliant

<u>Product Number</u>	<u>Size</u>	<u>Wt./Case</u>	<u>Case Quantity</u>
11-0771-01	Gallon	40	4
11-0771-05	5 Gallon	50	1
11-0771-55	55 Gallon	588	1

BURKE INDUSTRIAL COATINGS
600 S. 74th Place, Suite 108, Ridgefield, WA 98642
Tel: (360) 887-8819 Fax: (360) 887-8825
(800) 348-3245