

# STEEL TUFF-316

## 10-0320 STAINLESS STEEL GRAY

DESCRIPTION	Steel Tuff-316 is a hard, single package, water reducible, acrylic emulsion pigmented with alloy 316 stainless steel flake. It is non-flammable, low VOC, and offers high corrosion resistance and long term durability. It has superior adhesion and good abrasion resistance. It can be used direct to metal but has better performance if the metal is primed.
USES	A liquid stainless steel coating that can be used as a direct to metal primer and/or topcoat on properly prepared steel, galvanized steel, tin, aluminum and concrete. It can also be used as a topcoat over primed steel surfaces and most previously painted surfaces in corrosive atmospheres. It's very hard film characteristics make it ideal for OEM's wanting to paint component parts and get them to assembly quickly.
APPEARANCE	Low sheen metallic gray with other metallic colors available.
RECOMMENDED PRIMERS	Prime Solution-5250, Primecoat-767.
PHYSICAL PROPERTIES	
WEIGHT PER GALLON	9.7 lbs.
SOLIDS BY WEIGHT	36%
SOLIDS BY VOLUME	25%
RECOMMENDED DFT	2.0 mils Dry Film Thickness
WET FILM TO ACHIEVE DFT (Unthinned material)	8.0 mils
THEORETICAL COVERAGE. @ 1 Mil DFT	400 sq. ft./gallon
PRACTICAL COVERAGE @ RECOMMENDED DFT (Assumes 15% material loss)	170 sq. ft./gallon
DRY TIMES @ 70°F - 80° F (21°-27°C) AND 50% RH	Tack Free      15-30 minutes Handle          1/2-1 hour Recoat          1-2 hours Fully Cured     7 days (can be accelerated)
DRY HEAT RESISTANCE	350° F
SHELF LIFE	2 years
PACKAGING	Gallon, 5 Gallon and 55 Gallon Drum
SURFACE PREPARATION	
GENERAL	Quality paint jobs occur with quality preparation, products and application. Quality preparation includes cleaning the surface to be painted to remove all contaminants by washing with BC4000 or other suitable cleaner. Thoroughly cured old coatings may require scuff

APPLICATION sanding for maximum adhesion.  
Apply only when air and surface temperatures are between 50° F and 100°F and surface temperature is at least 5° F above the dew point.

THINNING  
ROLLER/BRUSH - Fresh Water Thinning is normally not required. Use 5%-10% if  
needed. (approximately 1/2 pint per gallon)  
AIR-ATOMIZED SPRAY - Fresh Water Thinning normally not required. Use 5%-10% if  
needed. HVLP (approximately 1/2 pint per gallon)  
AIRLESS SPRAY - Fresh Water Thinning normally not required, use 5%-10% if needed  
AIR ASSISTED AIRLESS (approximately 1/2 pint per gallon)  
CLEANUP Fresh Water

#### EQUIPMENT RECOMMENDATIONS

BRUSH Use good quality synthetic bristle brush.  
ROLLER Use good quality synthetic roller cover.  
AIR ATOMIZED SPRAY Follow equipment manufacturers nozzle and needle selection  
recommendation for use with medium viscosity paint.  
AIRLESS SPRAY Use .019 to .023 tip at 2000 to 2500 psi.  
HOT SPRAY Recommended temperature 100° F to 120 F.

#### SAFETY INFORMATION

VOC 1.89 lbs per gallon less water, 226 grams per liter less water.  
FLASH POINT Non-Flammable  
USDA Authorized by USDA for use in federally inspected meat and poultry  
plants

WARNING Do not take internally. Close containers tightly after use and keep upright. In case of spillage absorb and dispose of in accordance with local applicable regulations. California Prop 65 Warning: Detectable amounts of chemicals known to the state of California to cause cancer, birth defects or other reproductive harm, may be found in this product or it's vapors.

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

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN  
**PRODUCT ORDERING INFORMATION: STEEL TUFF-316**

Product Number Quantity	Size	Wt./Case	Case
10-0320-01	Gallon	41	4
10-0320-05	5 Gallon	51	1
10-0320-55	55 Gallon	575	1

---

### BURKE INDUSTRIAL COATINGS

600 S. 74<sup>th</sup> Place, Suite 108 Ridgefield, WA 98642  
Tel: (360) 887-8819 Fax: (360) 887-8825  
Customer Service (800) 348-3245