

SUPERLIFE-316

DESCRIPTION Superlife-316 is a 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.

USES Superlife-316 is a liquid stainless steel coating that can be used as a primer and/or topcoat on properly prepared galvanized steel, tin, aluminum and concrete. It can also be used as a topcoat over primed steel surfaces and most previously painted surfaces.

APPEARANCE Low sheen metallic gray with other metallic colors available.

RECOMMENDED PRIMER Prime Solution 5250 Red / 5253 Gray, Primecoat-767.

PHYSICAL PROPERTIES

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| WEIGHT PER GALLON | 11.7 lbs. |
| SOLIDS BY WEIGHT | 58% |
| SOLIDS BY VOLUME | 44% |
| RECOMMENDED DFT | 2.5 mils Dry Film Thickness |
| NUMBER OF COATS | 2 (5.0 minimum DFT) |
| WET FILM TO ACHIEVE DFT (Unthinned material) | 5.0 to 5.5 mils |
| THEORETICAL COVERAGE.. @ 1 Mil DFT | 750 sq. ft./gallon |
| PRACTICAL COVERAGE @ RECOMMENDED DFT (Assumes 15% material loss) | 255 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

STEEL New steel should be blasted to a near white blast, SSPC-SP-10 and primed with a recommended primer. Wire brushing or power brushing, while least desirable, may be the only preparation possible in some cases. In such cases, new steel should be thoroughly washed with BC-4000 Cleaner to remove all oils and greases prior to priming. Previously painted surfaces should be brush blasted to remove rust, grease, oils, loose paint and chalk. Rusty steel should be primed with BRC6000 Rust Conversion primer when blasting is not possible.

GALVANIZED STEEL NEW galvanized metal should be treated with phosphate or chromate pretreatments. Make sure all greases and oils are removed by washing with BC-4000 Cleaner and then rinse well. OLD galvanized surfaces should be washed with BC-4000 Cleaner to remove zinc salts and other impurities and rinsed well.

ALUMINUM AND TIN NEW surfaces should be washed with BC-4000 Cleaner and rinsed well. Previously painted surfaces should have all loose paint, chalk, dirt and oil removed by brush blasting, wire

brushing or power washing.

CONCRETE

NEW concrete should be thoroughly cured and dry and should be etched with muriatic acid and thoroughly rinsed. Old surfaces should be power washed. If efflorescence is present, etch with 5% muriatic acid and rinse well.

APPLICATION

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 - or HVLP | Fresh Water | Use 10%-15% if needed. (approximately 1 1/2 pints per gallon). |
| AIRLESS SPRAY - or AIR ASSISTED AIRLESS | Fresh Water | Thinning normally not required, use 5%-10% if needed (approximately 1/2 pint per gallon) |
| CLEANUP | Fresh Water | |

EQUIPMENT RECOMMENDATIONS

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|--------------------|---|
| 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 heavy latex paint. |
| AIRLESS SPRAY | Use .019 to .023 tip at 2000 to 2500 psi. |
| HOT SPRAY | Recommended temperature 100° F to 120 F. |

SAFETY INFORMATION

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|-------------|---|
| VOC | .3 lbs per gallon less water, 39 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.

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

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

| <u>Product Number</u> | <u>Size</u> | <u>Wt./Case</u> | <u>Case Quantity</u> |
|-----------------------|-------------|-----------------|----------------------|
| 10-0747-01 | Gallon | 49 | 4 |
| 10-0747-05 | 5 Gallon | 61 | 1 |
| 10-0747-55 | 55 Gallon | 681 | 1 |

BURKE INDUSTRIAL COATINGS

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