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Flamuko
Alta Calidad, Alto Rendimiento.

PRODUCT DATA SHEET

HIGH TEMPERATURE SILICONE ALUMINUM
FLA-983-910

GENERAL DATA

Product description: High Temperature Aluminum Silicone is a fully silicone product pigmented with high quality aluminum powder. Protects surfaces constantly subjected to high temperatures, acting at the same time as a corrosion inhibitor.

Recommended Use: It is widely used in oil, petrochemical, steel, foundry and aluminum industries and on metal surfaces subjected to temperatures ranging between 260 °C (500 °F) and 650 °C (1200 °F) such as chimneys, ovens, etc.

Color: Aluminum
Film Appearance: Bright.
Percent Solids Weight: 53.7%. Volume: 42.3%.
Theoretical performance: 17.17m_2/liter (65 m_2/gallon) at 25 microns (1 Mils) dry film thickness. Iron and Steel : Does not require.
Recommended Funds:
Recommended finish: Does not apply.
film thickness Dry: 37.5 microns (1.5 Mils). Wet: 75 microns (3 Mils).
Recommended:
Original viscosity: fifty±5 KU at 25°C (77°F).

SURFACE PREPARATION

General: The surface must be clean, dry, free of grease, rust or other contaminants, according to the SSPC-SP-1 specification. All traces of old or poorly adhered paint must be removed.

Iron and Steel
Cleaning with Solvent according to SSPC-SP-1 specification.
Manual cleaning according to SSPC-SP-2 specification.
Power Tool Cleaning according to SSPC-SP-3 specification. Abrasive Cleaning of Commercial Gray Metal according to SSPC-SP-6 specification, for optimal performance.

APPLICATION METHOD

General: It can be applied with a brush, roller or conventional spray gun. Mix well until the color is homogeneous and occasionally during application.

Brush: Natural bristle brushes are recommended.

Roller: It is recommended to use the appropriate jacket according to the porosity of the surface.

Atomization:
a) Suction Gun: 2.81 - 4.22 kgf/cm_2(40-60 psi) Air line.
b) Conventional Pressure Gun: Pressure in the Container: 0.70 - 1.05 kgf/cm_2 (10-15psi). Air Pressure: 2.81 - 4.22kgf/cm_2(40-60psi).
c) Without Air: Pump Ratio: 30:1 (min.). Output (min): 11.4 l/min (GPM: 3). (Material Hose: 0.95 cm (3/8") ID (min.). Nozzle Size: 325-475 microns (13-19 mils). Output Pressure: 127-141 kgf/cm_2(1800-2200psi). Filter Size: 60 mesh. Teflon gaskets are recommended and are available from the pump manufacturer.

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MIXING AND DILUTION

Mixing Ratio Mixture Usage Time (Pot Life): Does not apply.

Does not apply.

Dilution: Maximum 15% by volume with Solvent Add 0.5 liters High Gloss code FLA-231-001. (19 fl. oz.) per 3.785 liters (1 gallon).

CLEANLINESS AND SAFETY

Cleaning: Use High Gloss Solvent code FLA-231-001.

Precautions: Store in a cool, well-ventilated place. Keep tightly covered after use. Toxic product. Keep out of the reach of children.

Flashpoint: Higher than : 25°C (77°F).

DRYING TIME

General: These times are based on a dry film thickness of 37.5 microns (1.5 Mils) at a temperature of 25°C (77°F), which may vary depending on environmental conditions during application and by film thickness. applied.

Touch: Four (4) Hours.

repainted: Twenty four (24) Hours.

Note: The product cannot be subjected to any mechanical stress until the film is completely cured. The curing of the painted surface is achieved by putting into operation the equipment where the product was used.

PRESENTATION AND STORAGE

Presentation: Gallon Container (3,785 Liters).
Other packaging on request.

Storage Time: Storage Temperature and Humidity: Twelve (12) months, indoors and in well-ventilated places.
Maximum: 100°F (38°C) and 85% Relative Humidity.

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