

V-057 SILICONE 1200 HI HEAT ALUMINUM

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION: V-057 Silicone 1200 degree heat resistant aluminum is a ready mixed silicone alkyd air-dry or baked on enamel. Excellent resistance to chemical fumes, gasoline, grease, and most oils.

INTENDED USES: V-057 is a high grade air dry silicone alkyd type enamel. Withstands temperatures up to 1200 degrees. Intended use on interior or exterior metal surfaces such as stacks, boilers, pipes, incinerators, etc. It is highly weather resistant and is characterized for excellent color and gloss retention.

SURFACE PREPARATIONS: For best results all surfaces must be free of oil, grease, dirt, mil scale and any other contaminants. The life of heat resistant coating is dependent on the surface preparation done. Coating shall be applied over SSPC-SP3 power tool cleaning. Coating shall be cured at 450 degrees for one hour before service.

PHYSICAL INFORMATION

COLOR: ALUMINUM

GLOSS LEVEL: LOW SHEEN

SOLIDS BY WEIGHT: 36%

RECOMMENDED DRY FILM THICKNESS: 2.0-3.0 MILS

THEORETICAL COVERAGE: 350 SQ FT PER GALLON

METHOD OF APPLICATION: AIRLESS SPRAY, AIR SPRAY, BRUSH, AND 1/4-3/8 ROLLER

DRYING TIME @ 75 F

TO TOUCH: 2 HOURS

TO HANDLE: 10 HOURS

TO RECOAT: 24 HOURS

REGULATORY DATA

FLASHPOINT: 104 F

PRODUCT WEIGHT: 9.05 LB

MATERIAL VOC: 2.28 POUNDS PER GALLON / 274 GRAMS PER LITER

COATING VOC: 4.84 POUNDS PER GALLON / 580 GRAMS PER LITER

APPLICATION

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MIXING: This material is a one-component coating and should always be mixed thoroughly with a power agitator before application.

MIX RATIO: Not applicable

WORKING POT LIFE: Not applicable

AIRLESS SPRAY: Recommended
Tip range 15 thou (0.38-0.43 mm)
Total output fluid pressure at spray tip not less than 2,500 p.s.i.

AIR SPRAY: Recommended
(Pressure Pot)
Gun DeVilbiss MBC or JGA
Air Cap 704
Tip E

BRUSH: Suitable
Typically 1.5-2.0 mils can be achieved. Care should be taken to avoid under application.

ROLLER: Suitable
Typically 1.5-2.0 mils can be achieved. Care should be taken to avoid under application.

THINNER: Xylene
Do not thin more than allowed by local environmental legislation.

CLEANER: Xylene

WORK STOPPAGES: Thoroughly flush all equipment with xylene. All unused material should be stored in tightly closed containers. Partially filled containers may show surface skinning and / or viscosity increase of the material after storage. Material should be filtered prior to use.

CLEAN UP: Clean all equipment immediately with xylene. It is good working practice to periodically flush out spray equipment during the course of the working day. Frequency of cleaning will depend upon amount sprayed, temperature and elapsed time, including any delays.

All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations / legislation.

SYSTEM COMPATIBILITY

The following primers are recommended for this topcoat if corrosion protection is needed:
Inorganic zinc primers with a surface preparation of SSPC-SP6 commercial abrasive blast

SHIPPING & STORAGE

NUMBER OF COMPONENTS: 1

PACKAGED IN: 5 Gallon Pails, and 1 Gallon Cans

STORAGE TEMPERATURE: Minimum 20 F. Maximum 110 F.