



HI HEAT ALUMINUM

General Description:

HIGH HEAT ALUMINIUM is a silicone-based coating carefully formulated to withstand high temperature without excessive deterioration. Also designed to resist oil, grease, fuel, mild acid fumes and other corrosive elements. It resists up to 600°C.

Major Uses:

Ideal to use on steel items exposed to extreme temperatures like chimney, furnace, exhaust pipes, engine parts, smoke stacks, boilers, steam tables, and cooking vats.

Characteristics and Physical Properties:

Colour	Aluminum
Volume solid	36
Specific gravity	1.0 kg/L
Flash point	36°C
DFT	25 microns
Coverage	14 m ² /L

Mixing and Application Data:

Method of Application	By brush, roller, airless and conventional spray
Conventional Spray	
Nozzle Orifice	2 – 3 mm.
Nozzle Pressure	43 – 57 psi.
Dilution	Thinner # 175
Airless Spray	
Nozzle Orifice	0.38-0.46 mm
Nozzle Pressure	1138-1710 psi
Dilution	Thinner # 175

Application Conditions:

The temperature of the substrate should be min. of 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate.

Drying Time:

Dry surface	2 hrs
Hard dry	4 hrs
Recoat	1 hr

Recommended System:

HIGH HEAT ALUMINIUM -2 coats.

Storage:

HIGH HEAT ALUMINIUM should be kept in cool place below 25°C. Shelf life minimum 12 months in a tightly closed container.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or Thinner # 165 as soon as possible.

Packing:

Available in 4 lit and 20 lit,

Physiological Hazards:

HIGH HEAT ALUMINIUM does not contain dangerous solvents, nevertheless, good ventilation in working rooms is recommended as well as the use of safety tools and equipment. HIGH HEAT ALUMINIUM is flammable and harmful if swallowed. If contact with eyes or skin occurs, wash well with fresh water and seek immediate medical advice.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

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