



# TECHNICAL DATA SHEET

## TECHNICAL DATA SHEET HI - HEAT COATING

**PRODUCT:** A ready mixed, high heat coating formulated with silicone resin.

**DESCRIPTION:** *Intrepid's High Heat Coating* is a silicone coating designed to withstand temperatures of 600 to 800 Degrees Fahrenheit, depending on the color. There must be metal to coating contact between the substrate and the coating. *Do not use a primer.* This coating may be brushed, rolled or sprayed.

**PROPERTIES:** COLORS..... Full Industrial Range  
FINISH..... Gloss to Flat Sheen  
SOLIDS(Weight)..... 62- 66%  
SOLIDS(Volume)..... 46 - 50%  
VISCOSITY..... 60 - 70 KU  
**DRYING TIMES:**  
TO TOUCH..... 1 hour  
DRY HARD..... 3 hours  
FULL HARDNESS..... 400 F @ 1 hour

**ADVANTAGES:** (1). High Heat Resistance.  
(2). Silicone Alkyd.  
(3). Durable.  
(4). Air Dry.

**USES:** (1). Aerospace Applications.  
(2). Boilers.  
(3). Heat Exchangers.  
(4). Engines.  
(5). Exhausts.

**APPLICATION:** Apply by brush, roller or spray methods. For brush and roll, thin with Xylene Reducer at 10-15% by volume. For spray application, thin with Toluene at 10-15% by volume.