



# TECHNICAL DATA SHEET

## TECHNICAL DATA SHEET Emissive Coating

- PRODUCT:** A ready mixed, emissive coating formulated with silicone resin.
- DESCRIPTION:** Intrepid's Emissive Coating is a silicone coating designed to withstand temperatures of 1000 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.....         | Low 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.
  - (5). Meets Honeywell MCS9107 specification.
- 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.