



## PRODUCT DATA

# 3701

HI-HEAT SILICONE  
ALUMINUM

**Description:** designed for use on steel subject to elevated temperatures. Recommended use is two coats applied directly to the properly prepared steel.

**Dry Temperature Limits:** To 1200 Deg. F.- Intermittent  
To 800-1000 Deg. F. (538 Deg. C.) - Sustained

**Surface Preparation** Carbon steel surfaces must be dry and cleaned of dirt, oils, rust and other contaminants. For best performance and service, the most desirable preparation is abrasive blast cleaning to Near-White, SSPC-SP-10 (Swedish Std. SA 2 1/2.) Stainless steel surfaces (for coating with 3711) should be given a sweep-blast, or otherwise mechanically abraded sufficiently to create a surface angularity which will give improved bonding.

**Application Equipment:** Brush, Roller, Airless or Conventional spray. To obtain maximum edge protection and film build, spray application is recommended.

**Application Conditions:**

- Noncontaminated surface, free of all oil, grease, mildew, other contamination
- Dry, dust-free metal surface
- Metal temperature above 60 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 90%
- Material temperature between 60 and 90 deg.F

**Primer:** 1312 or self prime

**Thinner:** T-33

**Clean Up Solvent:** T-33

**Safe Application Conditions:** Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

**Finish:** Medium Gloss

**Color:** aluminum

**Volume Solids:** 30%

**VOC:**

**Flash Point:** 95 deg F - 35 deg C

**Dry Film Thickness:** 1.0-1.5

**Wet Film Thickness:** 3.0-5.0

**Theoretical Coverage:** 610 per mil DFT

**Shelf Life Time:** 12 months

**Dry Time:**

To Touch - 4 hours Recoat - after a minimum of 24 hours Attains full hardness only after heat exposure above 300 Deg. F.

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