



## PRODUCT DATA SHINETHANE

HIGH SOLIDS POLYURETHANE

G672-GREEN      G676 - GRAY  
G677 - BLUE      G678 - GREEN  
G679 - GRAY

**Description:** A two component high gloss acrylic aliphatic urethane which exhibits excellent chemical resistance, exceptional gloss and color retention.

**Typical Uses:** Use as a finish coat for exterior of tanks, equipment and structural steel where chemical resistance and excellent weathering is required

**Dry Temperature Limits:** up 250 deg.F

**Surface Preparation:** Surfaces should be clean and dry. Remove all oil, grease, mildew or other contamination by solvent or detergent cleaning or other effective means.

**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:** 1356,305,P-192,P-281,P-300,7510,7500,E-433 OR ANY GOOD EPOXY PRIMER OR INTERMEDIATE COAT

**Thinner:** T-153

**Clean Up Solvent:** T-153

**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:** High gloss

**Color:** several standard colors, other colors available subject to minimum order

**Volume Solids:** 62.3 ± 2%

**VOC:** - Less than 2.74 Pounds/Gal.  
or 325 Grams/Liter

**Flash Point:**81 deg F - 27 deg C

**Dry Film Thickness:** 2 - 4 mil(51 - 102 microns) D.F.T.

**Wet Film Thickness:** 3½ - 6½(89 - 165 microns) mils wet

**Theoretical Coverage:** Per Gallon @1 mil(25 microns) D.F.T - 999 ft.<sup>2</sup> or 93 meters<sup>2</sup>

**Pot life:**70deg F/21deg C:8 Hours (Shorter at elevated temperatures)

**Shelf Life Time:** 12 months +

**Dry Time:**To touch- 30 Minutes  
To recoat- 4 Hours

**Mixing ratio:**

4.27 parts A with .73 parts B

**Mixing:**

Add M-172 Activator to Shinethane HS Colored Portion and then mix until uniform consistency is obtained. Do not beat air into material. Do not thin until material has been completely mixed; mixing reduces the thickness (viscosity) of coatings. Mix only what can be used during the usable pot life of this coating. Remember, that elevated temperatures mean shortened pot life

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