



262H276

Technical Data Sheet

GENERIC TYPE

Modified Silicone

PRODUCT DESCRIPTION

This formula is a high heat coating formulated with a unique blend of heat resistant pigments in a silicone polymer resin that provides service in working temperatures up to 1200°F (649°C). This coating is designed for rapid curing and good working properties over ferrous and non-ferrous metal surfaces. 262H277 is specifically formulated to have increased hide and coverage. This coating is ideal for wood stoves, stove pipes, heaters, engines and engine manifolds, and other metal surfaces exposed to high temperatures. Because of the high quality of the components in this product relatively low film thickness gives good rust resistance.

Benefits

- High heat resistance
- Superior coverage

PHYSICAL PROPERTIES

Property	Result
Volume Solids	21.33%
Weight Solids	36.18%
Density	8.88 lbs./gallon
Coating VOC	678.92 grams/L 5.43 lbs./gallon
Viscosity	58-62 KU
Gloss @ 60°	2-5
Gloss @ 85°	15-20
Theoretical coverage at 1 mil (25.4 µm)	342 ft.²/ gallon 8.39 m²/L
Recommended DFT	0.8 to 1.2 mils 20.32 to 30.48 µm
Tack Free	30 minutes
Dry time before heat cure	4 hours
Reducer/Clean-up	Toluene @ 10% max



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APPEARANCE

Color: Satin Black
Gloss: Satin

SURFACE PREPARATION

DO NOT USE PAINT THINNER! Surface must be clean, dry and free of oil, grease, mill scale and other contaminants. Possible cleaning methods include sandblasting (preferred), solvent scrub, wire brushing, or vapor degreasing. Repaired steel should then be solvent cleaned with Xylene, Toluene, or lacquer thinner. Use clean solvent and clean white wiping rags. Do not use colored rags containing dye, which may dissolve in the solvent leaving incompatible contaminants on the surface. Reference NACE 2/ SSPC-SP10 for surface preparation.

APPLICATION

Mechanically stir the product for 10-15 minutes before using. Conventional or air assisted airless spray equipment may apply this coating. For application reduce no more than 10% by volume with Toluene. Electrostatic application may require a slower thinner such as Xylene as well as an electrostatic additive such as our 03M000. For air assisted airless spray application; use a 0.013 tip. For conventional spray; use 0.24 – 0.28 MPa or 35 – 40 psi.

CAUTION

Adequate health and safety precautions should be observed during storage, handling, use and curing periods.

READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT

DISCLAIMER

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental or consequential damages.