

PRODUCT DESCRIPTION

A cross linking modified silicone bake finish designed for use in heat resistant applications.

Color: Black
Sheen: Semi-Gloss

Benefits

High solids
 Hard finish
 Allows cleaning with household cleaners without affecting the finish

PRODUCT AND PERFORMANCE DATA
Product Data

Property	Result
Volume solids (%)	41.6 ± 2
Weight solids (%)	52.7 ± 2
VOC	493.7 g/L (4.12 lbs/gallon)
Theoretical Coverage at 1.0 mil (25.4 µm)	668 ft ² /gal (16.39 m ² /L)
Recommended dry film thickness *	0.8 – 1.2 mils 20.3 - 30.5 µm
Recommended wet film thickness *	1.9 to 2.9 mils 48.3 – 73.7 µm

*coating thickness varies by substrate

Performance Data

Test Method	Standard	Result
Gloss @ 60°	ASTM D523-14	12-15
Adhesion	ASTM D3359	5B
Pencil Hardness	ASTM D3363	2H
Mandrel Bend	ASTM D522	Pass 1/8 inch
Impact Resistance	ASTM D2794-90	120 in-lbs

Coating Post Burn Performance Results

Test	Temperature Tested	Time	Result	Method
Color after burn	900°F (482°C)	8 Hours	Pass	Muffle Furnace
Adhesion after burn	1000°F (538°C)	1 Hour	5B	Muffle Furnace

**significant gloss loss observed at the temperatures above*

SURFACE PREPARATION
Pre-cleaning:

Clean all surfaces to be coated in accordance with SSPC-SP-1, Solvent Cleaning prior to additional surface preparation or coating application. Surface must be clean, dry and free of any dirt, dust, oil, and all other visible contaminants.

Surface Preparation

Recommended	SSPC SP 6 (commercial blast cleaning)
Minimum	SSPC SP 2 or SP 3 (hand or power tool cleaning)

MIXING AND THINNING
Mix Directions

Stir thoroughly before and occasionally during use.

Thinning Directions

Product packaged ready to apply and is not recommended to thin.

APPLICATION
Application Parameters

Relative Humidity	50 % ±10
Minimum Temperature	50°F (10°C)
Maximum Temperature	80°F (27°C)

Cure Schedule	Temperature	Time
	400°F (204°C)	15 minutes

Baking temperatures exceeding 500°F for extended periods of time may cause loss of gloss.

Application methods

The product can be applied by

Spray

Airless spray: 0.009" - 0.013" orifice size

Conventional spray: 0.8 mm – 1.4 mm

*Aerosol touch-up available upon request. Contact your Technical Sales Representative for additional information.

PACKAGING AND STORAGE**Packaging**

5 – Gallon
Drums

Storage

The product must be stored in accordance with local and national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 73°F (23 °C) = 12 months *

*When kept in recommended storage condition and original unopened containers.

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.