



Simco
We've Got You Covered

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SILKYD-7210/7211/7212 HIGH PERFORMANCE SILICONE MODIFIED ALKYD PAINT

Description: A high grade, air-dry, copolymerised silicone alkyd enamel. The ultimate non-chalking finish coat. Tough, resilient coating designed for exceptional exterior durability with superior gloss and color retention. It is an ideal maintenance topcoat with good flexibility and intercoat adhesion.

Suggested Uses:

- Use on primed, smooth metal, glass reinforced plastic (GRP) wood and plastic/composite surface.
- Marine surfaces above the water line, superstructure & overhead cranes.
- Final coat, for new construction or maintenance refresher finish.
- Metal railing, fences, trim, siding and other architectural components.
- Requiring a lasting, aesthetic and protective finish.

Conformance: Conforms to MIL-PRF-24635B (SH)

Technical Data

Type:	Silicone modified alkyd topcoat
Color:	Various
<u>Finish:</u>	
Class 1:	High Gloss
Class 2:	Medium Gloss
Class 3:	Low Gloss
Class 4:	Flat Gloss
Flash Point:	100°F
Drying Time Hours @ 75°F:	
To touch:	2 hours
Dry hard:	8 hours
To overcoat:	24 hours
<u>Solids by Volume:</u>	
Type I:	Approx. 50%
Type II:	Approx. 58%
Type III:	Approx. 70%
VOC:	Average 3.15 Lbs./Gal. or 378 Grm./Ltr. depending on the color
<u>Solids by Volume:</u>	
Type I:	Approx. 50%
Type II:	Approx. 58%
Type III:	Approx. 70%
VOC:	Average 3.15 Lbs./Gal. or 378 Grm./Ltr. depending on the color

Volatile Organic Compound (VOC):

Type I:	3.5 lbs./ gal. (420 grm./ltr.)
Type II:	2.8 lbs./ gal. (340 grm./ltr.)
Type III:	2.3 lbs./ gal. (275 grm./ltr.)
Recommended DFT:	2.0 mils / coat
Theoretical Coverage @ 2 mils DFT	Approx. 400 sq. ft./gal.
Type I:	Approx. 400 sq. ft./gal.
Type II:	Approx. 465 sq. ft./gal.
Type III:	Approx. 560 sq. ft./gal.
Shelf Life	12 months
Temperature Resistance	350°F
Recommended Thinner	Mineral Spirits

Surface Preparation:

This product is designed to be applied over blasted or primed steel. Ensure that the surface is free from contaminants.

Method of Application:

Can be applied by conventional spray, brush or a roller. Mix the product thoroughly before use. Thin up to 5% with mineral spirits if required for work ability.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information of this product, no warranty expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.