



PRODUCT DATA SHEET

KoraGloss® - 150

Silicone Alkyd Gloss Enamel

GENERIC TYPE:

Single package, fast dry, 30% copolymerized silicone alkyd.

DESCRIPTION: *KoraGloss-150* is a premium quality silicone alkyd gloss industrial enamel for use on machinery, equipment, piping and tanks. Color and gloss retention superior to conventional alkyd enamels. Free of mercury, lead, and chromate hazards. Dry heat resistant up to non-continuous 250°F (121°C). *KoraGloss-150* is a high gloss silicone alkyd that dries to a uniform tough film. Provides good protection in mild environments when applied over suitably primed surfaces.

FEATURES:

- Durable high gloss finish
- Interior or exterior usage
- Protects against atmospheric corrosion
- Excellent flow and leveling
- High hiding
- Washable and scrubable
- Good abrasion resistance
- Easy application - brush, roll or spray
- Excellent resistance to grease, oil and water
- Performance alternate for Federal Specification TT-E-490
- Low VOC
- Very good flexibility and weathering

RECOMMENDED USES:

KoraGloss-150 is ideal for safety equipment and pipe identification. Provides excellent protection to metal surfaces as well as masonry, wood and wallboard. Also used as a trim enamel. As a top coat for electrical equipment, railcars, tank exteriors, piping, miscellaneous metal parts and equipment. May be used over most alkyd primers. *KoraGloss-150* is recommended where a combination of high gloss appearance and excellent weathering are required.

NOT RECOMMENDED FOR:

Immersion service, or splash and spillage of acids, alkalies, or solvents.

ORDER INFORMATION: Prices may be obtained from *SanyChem Sales Representative* or main Office.

APPROXIMATE SHIPPING WEIGHT :

Freight Classification: Paint, Combustible Liquid UN1263, PG III

Packaging:	1 gallon (3.785L)	5 gallons (18.925L)
<i>KoraGloss-150</i>	12 lbs. (5 kg.)	57 lbs. (26 kg.)
<i>SolvenSany # 260</i> Thinner	8 lbs.(4 kg.)	40 lbs. (18 kg.)
<i>SolvenSany # 276</i> Thinner	9 lbs.(4 kg.)	45 lbs. (20kg.)

Shipping Weight: 4 gallon case - 48 lbs. (20 kg)
5 gallon pail - 60 lbs. (26 kg)

FLASH POINT (Pensky/Martens Closed Cup) :

	Flash Point
<i>KoraGloss-150</i>	102 °F (39 °C)
<i>SolvenSany # 260</i> Thinner	105 °F (40 °C)
<i>SolvenSany # 300</i> Thinner	114 °F (46 °C)



SPECIFICATION DATA

• **Solids Content By Volume:** *KoraGloss-150* 62% ± 2%

• **Theoretical Coverage Rate per Gallon: ***
KoraGloss-150 24.3 m² / Lit at 25 microns
8.1 m² / Lit at 75 microns

• Mixing and application losses will vary and must be taken into consideration when estimating job requirements.

• **Volatile Organic Content (VOC) as supplied * :**
KoraGloss-150 2.54 lbs./gal. (305 g/L)

Thinned:

Thinner	Ozs./Gal.	Lbs/Gallon	Grams/Liter
<i>SolvenSany # 276</i>	7.5	2.76	331
<i>SolvenSany # 260</i>	6.5	2.80	336

* May vary slightly with color

• **Temperature Resistance** (Non-Immersion)
Continuous : 200 °F (93 °C)
Non-Continuous : 250 °F (121 °C)

Certain colors may change or darken above these temperatures

• **Recommended Dry Film Thickness Per Coat :**
1 Coat *KoraGloss-150* 2-3 mils (50-75 microns)

• **Color Standard in :** Available in a wide variety of colors

• **Gloss** High

• **Substrates:** Apply over suitably prepared steel, concrete or others as recommended.

• **Shelf Life :** 24 months when stored at 75 °F (25 °C)

• **Storage Conditions:** Store indoors.
Temp.: 40 - 110 °F (4 -43 °C)
Humidity: 0 - 100%

Compatible Coatings: May be applied over most *SanyChem* Alkyd Primers. Please consult the appropriate system guide, the particular job specification or your *SanyChem Coatings'* Industrial Coatings Specialist for proper systems using this product. Systems must be selected considering the particular environment involved.

Specific recommendations do not topcoat directly with coatings containing strong solvents like epoxies or vinyls.

TYPICAL CHEMICAL RESISTANCE

Exposure	Splash & Spillage	Fumes
Acids	NR	Fair
Alkalies	NR	Fair
Solvents	NR	Fair
Salt	Good	Good
Water	Excellent	Excellent

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APPLICATION INSTRUCTIONS

These instructions are not intended to show product recommendations for specific service. They are issued as an aid in determining correct surface preparation, mixing instructions, and application procedure. It is assumed that the proper product recommendations have been made. These instructions should be followed closely to obtain the maximum service from the materials.

Substrates & Surface Preparation

General:

Remove any oil or grease from surface to be coated with clean rags soaked in **SolvenSany # 252** in accordance with **SSPC-SP-1-82**.

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

New Surfaces: Steel - Prime with metal primer **KoraPrimer-290** or **KoraPrimer-400**.

Galvanized Metal and Aluminum - Prime with metal primer **SanyBond-WP100** or **SanyBond-8000**.

Previously Painted Surfaces: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk exterior areas and overhead areas such as eaves with soap and water. All existing mildew must be removed by washing with a solution of 16 oz. (473 mL) liquid household bleach and two oz. (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under **New Surfaces**. Prime severely weathered exterior surfaces with alkyd primer **KoraPrimer-290**. Surfaces in good condition generally may be done with one coat.

Mixing: Power Mix to a uniform consistency before.

Thinning: Thinning is not normally required for most applications. For brush, roller and conventional spray applications, may be thinned up 7.5 ounces per gallon with **SolvenSany # 276 Thinner** where conditions dictate. For Airless Spray applications, may be thinned up to 6.5 ounces per gallon with **SolvenSany # 260 Thinner**.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. The following equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

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Spray Application



(General)

The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

Conventional Spray

Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, 0.052" I.D. fluid tip and appropriate air cap. Hold gun approximately 18-20 inches from the surfaces and at a right angle to the surface.

A tack coat followed by a full coat technique is required for best appearance and ease of application. Minimum time between tack coat and full coat is one minute to allow solvent to flash.

Mfr. & Gun	Fluid Tip	Air Cap.
DeVilbiss P-MBC or JGA	FF	704
Binks #18 or #62	63C	63 BB
I.D.	Approx. .052"	

Airless Spray

Use 3/8" minimum I.D. material hose. Hold gun approximately 18-20 inches from the surfaces and at a right angle to the surface.

Mfr. & Gun	Pump
DeVilbiss JGB-507	QFA-514 or QFA-519
Binks Model 700	Mercury 5C or B8-36 37:1
Graco 205-591	President 30:1 OR Bulldog 30:1

Use a 0.013" - 0.017" tip with 2500 - 3000 psi.

Teflon packings are recommended and available from the pump manufacturer.

DRYING TIMES

Surface Temp. & 50% RH	Dry to Touch	Dry to Handle	Final Cure
45 °F (7 °C)	8 hrs	7 Days	28 Days
60 °F (16 °C)	4 hrs	2 Days	14 Days
75 °F (24 °C)	1 hrs	16 hrs	7 Days
90 °F (32 °C)	1 Hr	16 hrs	5 Days
105 °F (41 °C)	1 Hr	12 hrs	3 Days

These times are based on recommended dry film thickness. Excessive film thickness or inadequate ventilating conditions after application require longer dry times and will cause premature failure in extreme cases.

APPLICATION CONDITIONS

	Material	Surfaces	Ambient	Humidity
Normal	50 – 90 °F (10 – 32 °C)	55 – 90 °F (13 – 32 °C)	55 – 100 °F (13 – 38 °C)	30 – 90 %
Minimum	35 °F (2 °C)	35 °F (2 °C)	35 °F (2 °C)	0 %
Maximum	120 °F (49 °C)	165 °F (74 °C)	120 °F (49 °C)	95 %

Do not apply when the surface temperature is less than 5 °F or 3 °C above the dew point.



Brush & Roller

Use a natural bristle brush applying full strokes. Use a short nap mohair roller with phenolic core. Avoid rebrushing or rerolling.

Cleanup & Safety

Cleanup

Use **SolvenSany #252**. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Safety

Read and follow all caution statements on this product data sheet and on the MSDS for this product. Employ normal workmanlike safety precautions. Hypersensitive persons should wear protective clothing, gloves and use protective cream on face, hands and all exposed areas.

Ventilation

When used as a tank lining or in enclosed areas, thorough air circulation must be used during and after application until the coating is cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents used. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel.

Caution



This product contains flammable solvents. Keep away from sparks and open flames. All electrical equipment and installations should be made and grounded in accordance with the National Electric Code. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools and wear conductive and non-sparking shoes.

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 1/2001



Contact



For information and Prices, Please Call a SANYCHEM Local Sales Representative.

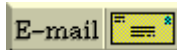
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