



DYC220X

SILICONE ALKYD INDUSTRIAL SEMI-GLOSS ENAMEL 2202, 2203, and 2204 Data Sheet

CHARACTERISTICS

Dyco 2202 is an “interior/exterior” Industrial Grade Silicone Alkyd semi-gloss enamel with superior gloss and color retention. The product is formulated with superior film properties to provide a smooth semi-gloss finish that will withstand severe weathering.

RECOMMENDED USES

- Ferrous Metals
- Galvanized Metals
- Aluminium
- Masonry
- Brick
- Plaster
- Wood

FEATURES/BENEFITS

- Superior Gloss Retention
- Superior Color Retention
- Excellent protection to all Surfaces
- Easy Application

AVAILABLE COLORS

White and Custom Colors

RECOMMENDED PRIMERS

Stucco..... 1370, 1375, or 6005
 Fiber Cement Siding 370, 1375, 6005
 Concrete Block (CMU)..... 990
 Wood..... 1410, 6005
 Ferrous Metals..... MP-50, MP-75, MP-90
 Galvanized Metals MP-50, MP-75
 Aluminum 1370, 1375, 6005, MP-50

SPECIAL NOTES

CAUTION: Combustible. Contains petroleum distillates. Avoid Contact with eyes and prolonged contact with skin. Use only in well ventilated areas. Do not use near heat, sparks or flame.

FOR ADDITIONAL INFORMATION

See MSDS or call toll-free 1-800-282-7901.

TECHNICAL DATA

Vehicle Type Modified Silicone Alkyd
 Finish/Sheen Semi-Gloss
 Solids by Weight..... 66.25%
 Solids by Volume..... 50.10%
 Viscosity..... 88 ± 2 KU
 VOC (less exempt solvents) 406 g/L.
 Weight per Gallon 10.05lbs.

COVERAGE

250-300 S.F./Gal. @ 2.5 mils DFT
(Actual coverage may vary depending on type of substrate, and application method.)

AVAILABLE BASES

- 2202 - Tint Base
- 2203 - Deep Base
- 2204 - Clear Base

KEY ATTRIBUTES

Application Temperatures: 50 - 110°F (10 - 43.33°C)
 Application Tools: Brush, Roller, or Spray
 Dry Times: Touch - 2 Minutes; Recoat – 24 Hour
 (Dry Time Based on 77°F (25°C), 50% RH)
 Thinner: Mineral Spirits.
 Clean Up: Mineral Spirits.

NOTE: Allow 30 Days Curing Before Washing

PHYSICAL PROPERTIES

Perm Rating < 2 Perms
 Alkali Resistance..... 8-14 Surface pH.
 Mildew Resistance Excellent
 Flash Point..... 105°F (40.55°C)

CERTIFICATIONS:

GS-11: VOC Compliant in all Regulated Areas



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SILICONE ALKYD INDUSTRIAL SEMI-GLOSS ENAMEL 2202, 2203, and 2204 Precautions & Application Guide

PRECAUTION: Do not freeze. Wear protective clothing, gloves and eyewear during application and cleanup of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100°F (37.77°C). Do not use in drinking water or food systems.

SURFACES TO BE PAINTED: must be dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. The service life of the coating is directly related to the surface preparation. Glossy surfaces should be de-glossed by manual, mechanical or chemical methods and wiped clean.

FERROUS METALS: Rust, oxidation and other surface contaminants must be removed from ferrous metals. Follow SSPC-SP 2, SSPC-SP3 abrasion procedures to remove rust and spot prime bare metal with 2 coats of Dyco MP-50 or MP-75 Primers. Solvent wipe surface thoroughly to remove abrasion residue with a denatured alcohol or lacquer thinner. Prime with Dyco MP-50 or MP-75 before applying 2202.

NON FERROUS METALS: Oxidation and other surface contaminants must be removed from surface. Spot prime rust or bare metal with Dyco MP-50. Solvent wipe surface thoroughly to remove abrasion residue with denatured alcohol or lacquer thinner. Prime with Dyco MP-50 before applying 2202.

WOOD: All new wood should be sanded and wiped clean. Countersink all nails and putty holes flush with surface. Wood fillers, knots or resinous areas should be spot primed, then full primed with Dyco 1410 or Dyco 6005 wood primers.

MIXING: Read and follow label instructions before use.

TOOLS: Apply with a brush, roller or airless sprayer. Brush: Use appropriate premium latex paint brushes for best results. Roller: Use a 1/4"- 3/8" nap cover for smooth surfaces, a 1/2" nap cover for semi-rough surfaces and a 3/4"-1" nap cover for rough surfaces. Airless sprayer: It is recommended to use a "minimum" 1 gallon per minute pump; with .015 -.019 tips, @ 1800-2400 psi; and a 1/4" high pressure material hose. Adjust pressure as needed for desired results.

COVERAGE: Actual coverage may vary depending on substrate and application method. For best "hide", use appropriate grey basecoat or tint primers towards finish coat color. Certain deep or accent colors may require multiple coats to obtain even coverage and hide.

THINNING: The product is ready to use as is, but if thinning is deemed necessary, thin with clean water up to 1/2 pint per gallon.

LIMITATIONS: Do not apply in direct sunlight or when air or surface temperature is below 50 degrees Fahrenheit or above 114 degrees Fahrenheit. Do not apply if temperature is less than 5 degrees above dew point. Do not apply if surface is damp or if precipitation is expected within 4 hours.

CAUTION!

COMBUSTIBLE! CONTAINS PETROLEUM DISTILLATES. HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave area.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

CALIF. PROP. 65 • CHEMICAL WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Use proper protection and adequate ventilation, when using product.

FIRST AID: If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

Material Safety Data Sheet available upon request.



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