



SOMAY PRODUCTS, INC.

4301 NW 35TH AVENUE

MIAMI, FLORIDA 33142-4382, USA

Tel: 305-633-6333 Fax: 305-638-5524

Toll Free: 888-2-4-SOMAY

e-mail: paint@somay.com URL: <http://www.somay.com>

Since 1926 – Manufacturer of Decorative and Protective Paints and Waterproofing Coatings

SOMAY POLYURETHANE HIGH GLOSS ENAMEL
Product No. 237

PRODUCT USE: For exterior or interior use on practically all types of properly prepared surfaces where a durable, high gloss enamel finish is desired. **SOMAY Polyurethane High Gloss Enamel** can be used on previously painted or properly primed surfaces such as wood, iron, steel, aluminum, masonry, plaster, sheetrock, drywall, wallboard or concrete, and on walls, trim, doors, floors, machinery, toys, equipment, etc.

RECOMMENDED FOR: This tough, long wearing, weather resistant, polyurethane based enamel has been especially formulated to meet the requirements for a high-gloss, high quality enamel. **SOMAY Polyurethane High Gloss Enamel** will dry quickly, even in a very muggy, very high-humidity environment, such as that found in tropical climates. The drying time can be modified depending on the climatic conditions at the time of painting. **SOMAY Polyurethane High Gloss Enamel** contains no lead and no mercury, so is ideal for children's toys or furniture.

SPECIFICATION: **SOMAY Polyurethane High Gloss Enamel** meets or exceeds U.S. Federal Government Specification TT-E-489.

TEMPERATURE RESISTANCE: **SOMAY Polyurethane High Gloss Enamel** will resist temperatures up to 200° F. (93° C.) continuous, or 250° F. intermittent.

SURFACE PREPARATION: The secret of a successful painting job is proper surface preparation. Surfaces **MUST** be free of anything which could adversely affect the

adhesion of this coating to the surface, including loose, scaling, peeling, blistering, chipping, cracking, flaking, chalking or powdering paint; dust, dirt, sand, soot, grease, oil, tar, wax, soap film or petroleum-based residue; lye, lime, salt, chlorine, calcimine, efflorescence, or any other chemically reactive substance; and must be completely free of all mold, fungus, mildew or any other growing organism of any kind. Infirm surfaces **MUST** be made firm.

To remove dirt, grease, etc., wash with water and detergent and then rinse thoroughly with clean water. To remove mildew, fungus, etc., scrub with a solution made with 16 fluid ounces (473 mL) of liquid household bleach and 2 fluid ounces (59 mL) of detergent in one gallon (3.785 L) of water. Rinse thoroughly with clean water. Patch all cracks, and when dry, sand smooth and seal. You should have a completely clean and firm surface before any new coating is applied.

All traces of paint remover, liquid sandpaper, etc. must be eliminated. If surface is not clean, clean with a good commercial cleaner and rinse well. Just before painting, surface should be wiped with a clean, lint-free cloth, dampened with mineral spirits, to remove all traces of dust.

WARNING! Sanding or scraping to remove old paint manufactured prior to 1950 that contained lead pigment may generate lead dust. Exposure to lead dust may cause adverse health effects, especially in young children and pregnant women. To control exposure to lead dust use protective equipment, such as a properly fitted

respirator, and follow proper cleanup procedures. For more information in the US, call the NATIONAL LEAD INFORMATION CENTER at 1-800-424-LEAD.

PREVIOUSLY PAINTED SURFACES:

Scrape off all loose, peeling, blistering, chipping, cracking or flaking paint. Wire brushing, pressure cleaning, power sanding or sandblasting may be used to remove powdering and chalking paint.

UNPAINTED SURFACES:

All surfaces should be primed before using an enamel paint in order to assure a smooth, even, glossy finish. Use a good quality primer, especially formulated for the surface being painted, following the directions on the label for the primer used. Galvanized and aluminum surfaces should be treated or primed with a product especially formulated for that purpose, before painting with this enamel. It is recommended that ferrous metals be given a coat of a rust inhibiting primer. Bare wood can be primed with a wood primer or enamel undercoater. Masonry surfaces must be dry and properly cured and then primed with a masonry primer. Let prime coat dry overnight, or until the first coat is hard, before applying finish coat. Sand lightly with fine sandpaper or fine steel wool between the prime coat and the finish coat for better adhesion and a smoother final finish.

APPLICATION: Apply with a clean, good quality brush, roller or spray. Apply only at temperatures above 50° F. (10° C). Do not apply in damp or rainy weather. Stir thoroughly before using and occasionally while using, making sure all pigment settled

on the bottom of the can has been well mixed. Better, longer lasting finishes will result from using two or more coats. Two thin coats are better than one thick coat. When more than one coat is to be applied, let the first coat dry overnight, or until it is hard, before applying finish coat.

THINNING: This paint is ready to use as it is received in the can. If paint seems too thick or heavy, thin sparingly with mineral spirits.

COVERAGE: To develop a 2-mil dry film thickness using 90% Transfer Efficiency, apply at a rate not exceeding 365 square feet per gallon on a smooth surface. Do not apply too thick a film. Porous surfaces will absorb more paint and reduce rate of coverage.

DRYING TIME: Dries to the touch and dust free in approximately 1 hour, depending on weather conditions such as temperature, humidity, wind, etc. Normally dries tack free in about 4 hours, and dries hard in about 8 hours, or after drying overnight. Normally may be recoated after drying overnight.

If paint dries too rapidly, add small amounts of mineral spirits to slow the drying time. If paint dries too slowly, add small amounts of xylene, or other fast evaporating solvent, to speed the drying time.

CLEAN UP: Clean brushes with mineral spirits, turpentine or synthetic reducer.

* * *

DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE IRRITATION. CAUSES SKIN IRRITATION. CAUSES NOSE AND THROAT IRRITATION.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **USE ONLY WITH ADEQUATE VENTILATION.** Do not breathe vapors. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Follow respirator manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

KEEP OUT OF REACH OF CHILDREN

FIRST AID: If you experience difficulty in breathing, leave the 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 immediately; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Call physician immediately.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

LIMITED WARRANTY / LIMITED LIABILITY: SOMAY warrants that, at the time of purchase from SOMAY, its products meet the specifications that SOMAY establishes for them. Since results from the use of its products depend on factors beyond SOMAY's control, SOMAY DISCLAIMS ALL OTHER WARRANTIES, either expressed or implied, INCLUDING, but NOT limited to, WARRANTIES OF MERCHANTABILITY AND FITNESS for particular purposes. User must assume full responsibility for: (a) determining the suitability of the product for his intended use, (b) understanding and following instructions, (c) preparing the surface properly, (d) applying the product correctly, and (e) obtaining the results desired from the use of the product. SOMAY shall not be liable for any incidental or consequential damages arising from the use or misuse of its products. SOMAY's liability is always limited to the original purchase price paid to SOMAY. Purchase and/or use of the product constitutes complete acceptance of all the terms of this Warranty.

February 2005