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BRUNING PAINTS

PRODUCT DATA

SILATHANE

INT.- EXT. ALKYD GLOSS

ENAMEL

520-00 Series

520-00

Baltimore, MD (Hdqtr's) Ph: 410-342-3636

Pompano Beach, FL Ph: 305-781-1441

PRODUCT DESCRIPTION:

A superior quality interior-exterior alkyd gloss enamel combining the durability, gloss retention and color permanency associated with urethane and silicone resins. When used in conjunction with **BRUNING Silathane Rust Proof Metal Primers**, it provides excellent protection for equipment, machinery, ironwork and tools. (Not for use on aluminum siding).

PRODUCT FEATURES:

- * A tough, durable coating
- * High gloss sheen
- * Excellent flow and leveling
- * Good gloss retention
- * Resistant to dirt collection
- * Free of lead and mercury
- * Good tint retention
- * Easy brushing
- * Safe for toys
- * USDA approved for indirect food contact.

RECOMMENDED USES:

- * Exterior wood trim and doors; interior wood trim
- * Properly primed metal and ironwork
- * Floors and decks (add grit where foot traffic is expected)
- * Shops and manufacturing facilities
- * Machinery, equipment, storage tanks
- * Primed metal and wood cabinets; painted metal siding
- * Toys, room and patio furniture; boats
- * Previously painted concrete or brick
- * While not specifically formulated for use as the original finish applied at the factory to industrial or consumer products, many OEM applications are quite suitable. Consult your **BRUNING Representative** as to suitability of purpose.

COLORS:

White, Hi-Hide White (tintable), several ready mixed colors and a wide variety of attractive shades produced by tinting custom color bases.

SURFACE PREPARATION:

In all instances, mildew must be removed before painting by scrubbing an affected area with a medium soft brush and the suggested detergent/bleach solution noted on the back side of this sheet.

Step 1. Generally, all surfaces must be clean, dry and free of dirt, grease and excessive chalk. Remove peeling or flaking paint by sanding, scraping, wire brushing or water blasting. Dull glossy surfaces by sanding.

NEW WOOD: Refer to Step 1. Interior wood surfaces should be primed with **BRUNING Silathane Alkyd Enamel Undercoat (520-12)**. Exterior wood surfaces should be primed with **BRUNING Carriage House Exterior Alkyd Primer (300-29)**.

PREVIOUSLY PAINTED WOOD: Surfaces in good condition do not require priming - just light sanding. If repainted surfaces are in bad condition, apply a coat of primer after sanding.

TECHNICAL DATA:

PRODUCT CODE: 520-00

GENERIC TYPE: Soya Linseed,
Silicone Modified
Alkyd Resin

GLOSS: 90 MIN. @ 60°

DRYING TIME: @ 77°F.- 50% R.H.
Touch (hrs): 2
Recoat (hrs): Overnight

WT/GAL: 9.3 LBS

VISCOSITY: 75-80 KU

FLASH POINT: 104°F. (TCC)

PERCENT SOLIDS BY WT: 59.9%

PERCENT SOLIDS BY VOL: 42.8%

PERCENT VEHICLE (SOLIDS)
BY WT: 34.5%

PERCENT PIGMENT BY WT: 24.4%

WET FILM THICKNESS: 3.2 mils

DRY FILM THICKNESS: 1.4 mils

THINNING/CLEAN-UP: Mineral Spirits

VOC: Max. 2.6 lbs/gal., 435 gms/L

As of 11/91, this product complies with current VOC regulations in all states/areas except New York City (use 715-00 or 532-00, NJ. (use 715-00 or 532-00), CA. (use 715-00 or 532-00), TX. (use 715-00 or 532-00) and Maricopa, AZ. (use 715-00 or 532-00)

RIGHT TO KNOW INFORMATION:

CAS No.	Ingredient
08032-32-4	Mineral Spirits
Proprietary	Tall Oil Alkyd Resin
13463-67-7	Titanium Dioxide
Proprietary	Castor Oil Deriv.
Proprietary	Calcium Drier

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METAL SURFACES: Clean thoroughly, remove corrosion deposits (rust, oxidation, etc.) and allow to dry. Prime interior ferrous metal with **BRUNING Silathane Metal Primers (520-13) or (520-14)**. Prime interior non-ferrous metal with **BRUNING BLOCK-OUT II Acrylic Primer (235-00), BRUNING Silathane II Acrylic Primer (532-13) or BRUNING Silathane II Metal Primer (520-13)**. Prime exterior ferrous metal with **BRUNING (520-13) or (520-14)**. Prime exterior non-ferrous metal with **BRUNING (520-13), (235-00) or (532-13)**.

MASONRY SURFACES: New masonry must be thoroughly cured at least 60 days, then painted with **BRUNING Pacon Supreme Epoxy Masonry Surface Conditioner (390-12)** before applying **(520-00)**. Previously painted masonry and brick surfaces must be clean, dry, free of dirt and mildew before painting.

APPLICATION:

BRUNING Silathane Int./ Ext. Alkyd Gloss Enamel (520-00) may be applied directly from its container by brush, roller or airless/conventional spray. Stir thoroughly before using. For increased protection, a second coat may be applied (without any surface prep) after the previous coat has dried overnight. Apply a full, generous coat spreading evenly to a uniform film thickness. Avoid painting when air,
(continued next column)

product or surface temperature is below 40°F.

AIRLESS SPRAY DATA:

Spray equipment must be operated with care in strict accordance with manufacturer's instructions. When spray applying, wear approved respiratory and eye protection and protective clothing. Atomization pressure and tip size will vary depending upon the specific equipment used, the viscosity of the coating and the air temperature at time of application. Equipment that will maintain an atomizing pressure of 1750-1950 PSI is recommended. A spray tip size of .013" to .019" is suggested.

RECOMMENDED SPREADING RATE / THINNING:

Up to 500 sq. ft. per gallon depending upon the type of surface, method of application and climatic conditions. On very porous surfaces such as concrete and cinder block, expect about 300 sq. ft. per gallon. Use product as supplied. If required, may be thinned sparingly with mineral spirits not to exceed 1/2 pint per gallon.

DRYING TIME / CLEAN-UP:

At 77°F and 50% relative humidity, this product dries to the touch in 2 hours. Allow 12-16 hours or longer, depending on temperature and weather conditions, before applying a second coat. Clean brushes, rollers, spray and other equipment immediately after use with mineral spirits.

WARNING

COMBUSTIBLE LIQUID AND VAPOR...CONTAINS MINERAL SPIRITS

VAPOR HARMFUL, MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN, 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. **USE ONLY WITH ADEQUATE VENTILATION.** To prevent build-up of vapors and to avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during 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 the area. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

FIRST AID: If breathing difficulties occur, leave the area to obtain fresh air. If difficulty continues, get immediate medical attention. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Call physician immediately.

KEEP OUT OF THE REACH OF CHILDREN

MILDEW REMOVAL.... (Double bleach amount if mildew is severe)

CAUTION: A DETERGENT / BLEACH SOLUTION IS IRRITATING TO EYES AND SKIN AND SHOULD BE KEPT OUT OF THE REACH OF CHILDREN. Wear goggles, rubber gloves and protective clothing during preparation and application. Read detergent and bleach container labels before mixing. If there are ammonia or ammonium containing compounds in the detergent, do not add to the bleach as harmful vapors may be formed. **IN CASE OF CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER AND CONSULT A PHYSICIAN.**

To 3 quarts warm water, add 1 quart liquid bleach containing 5% sodium hypochlorite (Example: CHLOROX). Add 1/2 cup non-phosphate type detergent (Example: 409, Mr. Clean, etc.), rinse the treated area with fresh water and allow to dry before repainting. Repaint within one month of bleaching to prevent possible spore regeneration.

LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to BRUNING'S specifications. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any is limited to replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.