

PRODUCT DESCRIPTION

Generic: Phenolic Modified Alkyd

General Description: A premium quality low VOC alkyd gloss enamel for use on machinery, equipment, piping and tanks, prepared and coated in shops. Free of mercury, lead and chromate hazards.

SPECIFICATION DATA

Color: White, custom & ready-mix colors

Finish: Gloss, 85 units minimum @ 60°

Clean-up Solvent: Mineral Spirits or VM&P Naphtha

Weight/Gallon: 9.3 lbs./gal. (1.11 kg/L) - varies with color

VOC: 2.80 lbs./gal. (340 g/L) - varies with color

Solids By Volume: 50% ± 1% - varies with color

Theoretical Coverage at 1.0 Mil Dry: 802 sq. ft./gal. (20 m²/L)

Practical Coverage: Apply at 350-400 sq. ft./gal. (9-10 m²/L). Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness: 2.0-2.3 mils (50-58 microns) dry - 4.0-4.6 mils (100-115 microns) wet

Systems: Please consult the appropriate system guide, 'the particular job specification or your ICI Paints' Representative for proper systems using this product. Systems must be selected considering the particular environment involved.

Service Temperature Limit: 200°F (93°C) in air

Flame Spread Rating: Class A (0-25) over non-combustible surfaces

Flash Point: 105°F (41°C)

Dry Time @ 77°F (25°C) & 50% RH:

To touch - 1-2 hour

To handle - 4-6 hours

To recoat - Overnight

Warning: The above table provides general guidelines only. Always consult your ICI Paints' Representative for appropriate recoat windows since the maximum aged recoat time of this product may be significantly shortened or lengthened by a variety of conditions, including, but not limited to humidity, surface temperature, and the use of additives or thinners. The use of accelerators or force curing may shorten the aged recoat of individual coatings. The above recoat windows may not apply if recoating with a product other than those listed above. If the maximum aged recoat window is exceeded, please consult your ICI Industrial Coatings Specialist for appropriate recommendations to enhance adhesion. Failure to observe these precautions may result in intercoat delamination.

Shelf Life: 1 year minimum - unopened

FEATURES

Advantages:

- Durable high gloss finish
- Interior or exterior usage
- Protects against atmospheric corrosion
- Excellent flow and leveling
- High hiding
- Washable and scrubbable
- Good abrasion resistance
- Easy application - brush, roll or spray
- Excellent resistance to grease, oil and water
- High solids and low VOC

Limitations of Use:

- Intended for shop application only.

PERFORMANCE DATA

GENERAL SURFACE PREPARATION

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 and Aluminum - Prime with DEV-GUARD™ 4141S primer. **Galvanized Metal** - Prime with DEVRAN® 203 or TRU-GLAZE®-WB 4030 primers. Either primer must be test patched for adhesion prior to use due to the high variability of surface treatments. **Concrete** - Cure at least 30 days before painting. pH must be 10.0 or lower. Remove laitance and roughen unusually slick poured or pre-cast concrete by acid etching or sandsweeping. Follow acid manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime with GRIPPER® 3210, DEVRAN 203, or TRU-GLAZE-WB 4030 primers. **Wood** - Spot-prime knots with GRIPPER 3210 primer. Prime with this product.

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**. Surfaces in good condition generally may be done with one coat.

DIRECTIONS FOR USE

Tinting: Tint the appropriate base with ICI Paints Colorants. Tint 4348-0900 with CHROMA-CHEM* 844 Colorants.

Spreading Rate: Apply at 350-400 sq. ft./gal. (9-10 m²/L) or 4.0-4.6 mils wet (2.0-2.3 mils dry). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers toward finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

Important: Alkyd or oil-based enamels may yellow in time in the absence of light.

Application: Mix thoroughly before use. May be applied by brush, roll or spray. No thinning required. Brushing and rolling may require multiple coats to achieve correct film thickness

and/or hiding. For airless spray use a .013" tip. Adjust pressure as needed. Do not apply in damp weather or when surface or air temperature is below 40°F (4°C). Two coats will provide best durability and uniformity. Surfaces coated with this product may become slippery when wet. For additional slip resistance in areas of pedestrian traffic, add one pound per gallon of coarse pumice or other texturing material.

Drying Time: At 77°F (25°C) and 50% R.H., dries to touch in one to two hours, to handle in four to six hours, and to recoat overnight. Low temperature, high humidity, thick films or poor ventilation will increase these times.

Clean-up: Clean immediately with mineral spirits or VM&P Naphtha.

PRECAUTIONS

DANGER! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD - CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE LIVER, KIDNEY DAMAGE. WHEN TINTED, CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. DANGER - Rags, steel wool or waste soaked with DEVGUARD™ 4348S may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. NOTICE: Products in this series may contain solvents. 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. For emergency information call (800) 545-2643. Note: These warnings encompass the product series. Prior to use, read and follow product specific MSDS and label information. Keep away from heat, sparks and flame. Do not smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid eye contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** In case of skin contact, wash off thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact flush immediately with large amounts of water, for at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, get medical help. KEEP FROM FREEZING.

DS269-1003

SHIPPING

Flash point: 105°F (41°C)
Packaging: 1 gallon (3.785L)
5 gallons (18.925L)

Shipping Weight: 4 gallon case - 44 lbs. (20.0 kg)
5 gallon pail - 54 lbs. (24.5 kg)

*CHROMA-CHEM is a Registered Trademark of Creanova, Inc.

4348-XXXXS (9/04)
Ad Stock #67113



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