

Everlife Urethane Enamel High Gloss - F221 Series

Product Description

EVERLIFE High Gloss Urethane Enamel is a durable, rust inhibitive enamel for use on substrates requiring a beautiful gloss look and unsurpassed protection. This enamel dries quickly to a tough high gloss finish, and applies easily with brush, roller or spray.

Recommended Use

Metal: Cabinets, Furniture, Decks, Ramps, Equipment, Machinery, Tools, Toys, etc.

General Surface Preparation

Surfaces to be painted must be free of dust, mildew, dirt, grease, loose paint, oil, glue size, calcimine, wax, soap, and other surface contaminants.

Previously Painted Surfaces – Contaminants should be removed with a solution of detergent and water, rinsed with clean water and allowed to dry before finishing. Glossy surfaces should be dulled by sanding to ensure proper adhesion of finish coats. Worn or bare areas should be spot primed with an appropriate primer. Allow any primer to thoroughly dry before top coating.

Application

This product is best applied in multiple thin coats at relative humidity levels of 50% or lower in order to allow solvents to evaporate more effectively and aid in the drying process. Heavy coats tend to entrap solvents and can causing wrinkling and slow the dry time markedly. Each coat should be applied with a 16 to 24 hour time span between coats.

If used on floors: Light foot traffic 24 hours, heavy foot traffic 7-10 days.

Clean up

Clean tools and equipment with mineral spirits or turpentine. Do not use water on natural bristle or china bristle brushes.

Architectural Specifications

Ferrous Metal - Unprimed:

1 coat Fix Fix-Rust Primer F500XX

2 coats FixAll Everlife Urethane Gloss Enamel F221XX

Recoats:

2 coats FixAll Everlife Urethane Gloss Enamel F221XX

Precautions

Air and surface temperatures should be above 50°F or higher during application and drying time. Insufficient ventilation, high humidity or dampness will greatly increase drying times. Do not use on surfaces to be immersed. Do not thin with water or mix with other type paints. Do not use on un-primed galvanized metal surfaces. Use caution as horizontal surfaces such as ramps and decking are more slippery when the surface is wet or contaminated with debris. Alkyd paints oxidize with age so light colors gradually incorporate a yellow cast. This is accelerated in lower light conditions.

Environmental Health and Safety Information

Refer to Safety Data Sheet for additional health and safety information.

Do not apply exterior when moisture or dew is expected within 24 hours. Do not add water, oils or mix with other paints. Do not apply when air or surface temperature is below 50°F or when drying conditions are poor. Do not use on unprimed galvanized surfaces.

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*Depending upon color choice, non zero VOC colorant added to this product may significantly increase VOC levels.

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Lead Warning ! - If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

All equipment must be grounded and non-sparking tools and appropriate footwear should be used.

Some paint products may contain chemicals which are harmful if they come in contact with exposed skin. Protection for exposed skin (gloves, protective creams) should be available, and used per product directions.

Always use any paint product with proper ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep the air contaminant concentration below the applicable exposure limit (OSHA PEL) of the components being used. This information is listed on the appropriate Material Safety Data Sheets. All application areas should be ventilated in accordance with applicable OSHA regulations, contact your local office for specific information.

In an enclosed area and as required, always wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application of any coating unless air monitoring demonstrates that vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

CAUTION! Combustible Liquid: Keep away from heat and flame. Close container after each use. Use only with adequate ventilation. Wash thoroughly after handling. In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. **KEEP OUT OF REACH OF CHILDREN.** Working with flammables and combustibles: Fire extinguishers, a safety shower, and fire blankets must be immediately available. Use only explosion-proof electrical equipment, including lighting. Do not leave any material or equipment unattended.

FIRST AID: In case of eye contact, flush immediately with water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, seek medical attention immediately. If swallowed, rinse mouth with water (only if person is conscious). Call for medical assistance immediately. Do not induce vomiting unless directed to do so by medical professional.

WARNING! Use only with adequate ventilation. Do not breathe spray or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use.

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Wash thoroughly after handling. KEEP OUT OF REACH OF CHILDREN.

FOR METAL SUBSTRATES ONLY.

USE COMPLETELY OR DISPOSE OF PROPERLY: Dispose of in accordance with applicable Federal, State and Local regulations. Under the Resource Conservation and Recovery Act (RCRA) regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material should be classified as a hazardous waste. For recycling guidance of any unused amount, contact your local or provincial organization of recovery, recycling and disposal for regulations.

Place the rags in an empty metal container that has a tight metal lid such as a paint or stain can. Fill the container with water until the rags are submerged; Fill Place the metal lid tightly over the water soaked formerly combustible rags. Place lid tightly on container. Coontact local municipal offices for disposal directions. Never dump solvent down any household or external drains or in any open water.

Notes

Alkyd paints oxidize with age so light colors gradually turn yellow. In dark and shielded areas alkyd paints yellowing will be accelerated.

Technical Data

Product Type	Finish
Exposure	Interior/ Exterior
Specular Gloss	80° ± 5
Volume Solids	52.0% ± 2
Weight Solids	68.0% ± 2
Vehicle Solids	74.0% ± 2
Pigment	26.0% ± 2
Wet Film Thickness	4.0 mils
Dry Film Thickness	2.1 mils
Viscosity @ 77 °F	80KU ± 5
Max VOC	400 g/l
Flash Point ° F	103°F
Thinner	Mineral Spirits
Clean - up	Mineral Spirits

Surface Spread Rate

Smooth	450-500 s.f./gal.
Porous	250-300 s.f./gal.
<i>(Spray Application is 50% of above)</i>	

Drying Times

To Touch	4-6 hours
To Handle	24 hours
To Recoat	16-24 hours
To Wash	10 days
<i>(@ 70 - 77 °F, 50% R.H)</i>	

Surface Temperature At Application

Minimum: Over 50°F	Maximum: Under 90°F
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Storage Temperature

Store Between Over 50°F to Under 90°F

Tools & Equipments

Brush	Natural Bristle
Roller	3/8" -3/4" Nap Synthetic Fiber
Airless Spray	.017 to .019 Tip

Available Package Sizes

5 Gallon	Gallon
Quart	
<i>(Weight Per Gallon:9.6 lbs. ± .5 lb)</i>	

Available Colors and Bases

Pastel Base	Medium Base
Deep Base	Neutral Base
White	

Available in 9 stock colors

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