



ACRYLIC LATEX ENAMEL
METALUX ENAM™
BRASS – BRONZE – COPPER – GOLD – SILVER
METALLIC LOOK INDUSTRIAL COATING

PRODUCT DATA
#407x
03/29/10
superseding: 11/02/07

Available Finishes:
 Matte(m)
 Semi-Gloss(g)

Interior Paints
 Exterior Paints
 Wall Coatings
 Concrete
 Metal/Industrial
 Specialty

PRODUCT DESCRIPTION:

METALUX ENAM™ is a waterborne Acrylic Latex Enamel, Reflective Metallic Look, Industrial Protective Coating. It is an interior or exterior formula that forms a hard, durable finish of protection with a beautiful Enamel Semi-Gloss finish. **METALUX ENAM™** retards the damaging effects of rust, corrosion, stains, fading, scrubbing and chemicals. It has excellent resistance to weathering properties of high humidity, salt air, elevated temperatures and ultraviolet degradation and qualifies for a Class A Fire Rating. It is an innovative waterbase latex enamel with zinc providing direct to metal adhesion & corrosion resistance. **METALUX ENAM™** provides all the advantages of solvent based industrial enamels without the use of solvents, including the benefit of easy application and water clean up. The self leveling enamel finish will provide many years of durability and protection. Available in BRASS, BRONZE, COPPER, GOLD, SILVER and other Custom Metallic Look Finishes.

PRODUCT USES:

METALUX ENAM™ has excellent adhesion on most any interior or exterior surfaces including: hard types of wood, aluminum, steel, galvanized, ferrous, or other primed metals in a normal to moderate chemical environment. Great for use as a concrete or masonry paint. It is excellent for both renovations and new construction on residential, commercial and industrial applications. **METALUX ENAM™** may not be compatible over some previously coated and uncoated surfaces. To insure compatibility, check adhesion by testing a small area and checking after 48 hours. Do not coat over glossy painted surfaces unless properly prepared.

SURFACE PREPARATION:

Apply only to a sound, completely dry, well prepared surface. For proper adhesion it is essential that the surface is properly prepared by removing all dirt, oil, grease, rust, scale and other surface contaminants. Pressure wash exterior surfaces using a water and chlorine solution. Wash interior surfaces by hand with a powdered household cleaner and water. Remove loose paint and powdery substances. Glossy surfaces must be de-glossed before application. Scuff all glossy surfaces or use liquid de-glossing chemicals to prepare the surface.

Metal: Clean surface of all grease, oil and foreign matter before priming. Rusted metal and uncoated metal must be primed with METAL-PRIME RED-OX™, a Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metals which have oils or surface treatments. Check **METALUX ENAM™** adhesion on galvanized or coated metal by applying to a small area and evaluating after 48 hours. If lack of adhesion is present after evaluating, metal must be lightly scuffed without penetrating the coated finish or galvanizing. If applicable, use METAL-PRIME RED-OX™ to spot prime the penetrated areas.

APPLICATION PROCEDURE:

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approx. 2 to 4 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread coating uniformly. Spread Rate will vary depending on surface. Two coats are recommended for optimal performance. Wait at least 4 hours before applying a second coat.

AIRLESS SPRAYERS:

Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .017. Remove all line filters and gun filters before spraying.

CLEAN UP:

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

SPECIAL ORDER ITEM: Some METALUX ENAM™ COLORS may require a minimum 2 week Lead Time depending on Order Quantity

METALUX ENAM™ PRODUCT CODE NUMBERS: #4075 Brass - #4076 Bronze - #4077 Copper - #4078 Gold - #4079 Silver

TECHNICAL SPECIFICATIONS:		Rates & Times May Vary Beyond Specifications
Ambient Temperature of 77°F and RH of 50%		
FINISH:	Semi-Gloss	SPREAD RATE: 200-300 sq.ft. per gallon
COLOR:	Brass/Bronze/Copper/Gold/Silver	DRY to TOUCH: 2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT: 4 to 6 Hours
SOLIDS by WEIGHT:	48% +/- 2%	CURE TIME: 5 to 7 Days
SOLIDS by VOLUME:	35% +/- 2%	SIZES: 1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	1.42 lbs./gal. • 170.0 g/liter	GALLON WEIGHT: 10.1 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

MSDS#:
407x

Product Identification	Product Name: METALUX™ ENAM Product Code #: 407x General Usage: Exterior Latex Elastomeric Metallic Coating General Description: Pigmented Metallic Latex Coating C.A.S. Number: None Established; Mixture	
Manufacturer Information	Manufacturer's Name: Nationwide Chemical Coating Mfrs., Inc. Address: 7106 24th Court East; Sarasota, FL 34243-3993 Emergency Telephone: 1-800-423-7264 or 941-753-7500 Information: 1-800-423-7264 or 941-753-7500 Web Site: www.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1 st , 2005	
Chemical and Physical Properties	Color: Metallic Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 47-52% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H ₂ O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air=1): <1
Fire Protection Information	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A
Storage and Reactivity	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None
Transportation	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers: Shipping Class:	None; Not Hazardous Not Required MSD Sheet Varies Class 55; Water Based Paint
Container Labeling	Explanation of Unique Labeling System: None Used	

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes:	Precautionary Treatment Expected None Expected None Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists
	Ingestion:	Call a physician if significant amounts have been Swallowed. Give patient large amounts of water or milk for dilution.
Personal Protection	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Spill or Leak Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Treatability	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Recommended Waste Disposal	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
	Dispose of in accordance with Federal, State and Local guidelines.	

EMERGENCY & INFO: 1-800-423-7264

Form based on O.S.H.A. Form 20. Information presented herein has been compiled from sources to be reliable and is accurate and reliable to be the best of our knowledge and belief but is not guaranteed to be so.

EMERGENCY & INFO: 941-753-7500