



ELASTOMERIC ACRYLIC WITH URETHANE
ENCAPSULGUARD™
LEAD PAINT, ASBESTOS & MISC. SURFACE
ENCAPSULMENT COATING

PRODUCT DATA
#4000

06/20/07
superseding: 02/13/07

PRODUCT DESCRIPTION:

ENCAPSULGUARD™ is a bright white, acrylic elastomeric with urethane Encapsulment Coating used for safe, economical and effective sealing of lead based paints. This polymer wall restoration system also provides the repairing of damaged or problem surface areas to a continuous wall surface on drywall, block walls and distressed smooth surfaces. A polyester membrane may be required in extreme situations (**PERMAMAT™**). A high concentration of adhesive acrylic resin seals and encapsulates problem surfaces, while the addition of urethane resin tightens the film minimizing vapor transmission. This system eliminates the mess of physical or chemical removal, and also the disposal of the contaminated material. **NOTE:** This coating should only be applied by trained professionals. It is the responsibility of the applicator to check with local, state, federal and other regulatory organizations for any necessary permits, product approval etc. before using this product. In some states, applicators of this coating must be licensed and approved by a State Certified Government Agency.

PRODUCT USES:

ENCAPSULGUARD™ can be used on most any interior or exterior, coated or uncoated surface including: weathered wood, plywood, drywall, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, fiberglass, concrete, masonry, stucco, clay, slate and various other substrates.

SURFACE PREPARATION:

For proper adhesion it is essential that the surface be clean, dry, and all gloss must be removed. Loose or peeling paint must be removed by scraping. Patch and fill all holes, cracks, etc. that are 1/16 of an inch or larger, with **PERMAPATCH™**, an Elastomeric Caulk & Sealant.

APPLICATION PROCEDURE:

(without using Polyester Matting)

Stir contents thoroughly before use. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Apply **ENCAPSULGUARD™** using brush, roller or spray at a rate of 100 square feet per gallon. Spread uniformly. Let dry at least 12 hours before applying the second coat. Apply the second coat in the same manner as the first coat.

(using Polyester Matting)

Figure and cut sections of **PERMAMAT™** polyester membrane before applying **ENCAPSULGUARD™**. Stir contents thoroughly before use. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Apply **ENCAPSULGUARD™** using brush, roller or spray at a rate of 100 square feet per gallon. Only apply enough coating to hang a section of **PERMAMAT™**. Press the matting into the wet coating with a high-density, short-nap roller cover being careful to remove all trapped air and thus forcing the matting into the coating. Apply a light coat of **ENCAPSULGUARD™** over the **PERMAMAT™** membrane at a rate of 250 to 300 square feet per gallon and let dry for at least 12 hours before applying the second coat. Apply the second coat in the same manner as the first coat but decrease the spread rate to 150 to 200 square feet per gallon.

CLEAN UP:

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

Specialty

Ambient Temperature of 77°F and RH of 50%		TECHNICAL SPECIFICATIONS:	Rates & Times May Vary Beyond Specifications
FINISH:	Flat	SPREAD RATE:	100 to 150 sq.ft./gal.
COLOR:	White (Tintable)	DRY to TOUCH:	1 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	12 Hours
SOLIDS by WEIGHT:	67% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	47% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	n/a	GALLON WEIGHT:	11.9 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.			

In Any Event Nationwide Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
4000**

Product Identification	Product Name: ENCAPSULGUARD™ Product Code #: 4000 General Usage: Lead Paint Abatement Coating General Description: Pigmented 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: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 28-33% 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.
	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Personal Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Spill or Leak Protection	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Treatability	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	
Recommended Waste Disposal	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