



100% ACRYLIC with URETHANE
WEATHER GUARD™
INDUSTRIAL INSULATING CERAMIC
LATEX ENAMEL (FLAT or SEMI-GLOSS)

PRODUCT DATA
FLAT#5725
SEMI-GLOSS #5750
03/26/10
superseding: 10/14/09

Interior Paints

Metal/Industrial

PRODUCT DESCRIPTION:

WEATHER GUARD™ is a 100% acrylic, with urethane, insulating and soundproofing ceramic, waterborne Industrial Latex Enamel. It is an interior or exterior formula that resists: rust, corrosion, stains, fading, scrubbing and also qualifies for a Class A Fire Rating. It has excellent resistance to weathering properties of high humidity, salt air, elevated temperatures and ultraviolet degradation. The urethane polymer composition gives **WEATHER GUARD™** superior chemical resistance and a hard, durable finish of protection with a beautiful enamel sheen. It is an innovative waterbase enamel that is zinc rich providing direct to metal adhesion & corrosion resistance. **WEATHER GUARD™** provides all the advantages of solvent 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.

PRODUCT USES:

WEATHER GUARD™ can be used on most any interior or exterior surfaces such as doors, trim, cabinets, walls, pipes, holding tanks, machinery & equipment, etc. **WEATHER GUARD™** has excellent adhesion on hard types of wood, aluminum, steel, galvanized, primed metal and non-ferrous metal in a normal to moderate chemical environment. It can be used as a concrete or masonry paint. It is excellent for both renovations and new construction on residential, commercial and industrial applications. **WEATHER GUARD™** may not be compatible over some previously coated surfaces. Check adhesion and compatibility by testing a small area and checking after 48 hours.

SURFACE PREPARATION:

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 with a minimum of 1500 psi using a water and chlorine solution. Wash interior surfaces by hand with a powered 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. Rust and corrosion must be primed with **METAL-PRIME RED-OX™**, a red iron oxide primer to prevent rusting.

APPLICATION PROCEDURE:

Do not apply when temperatures are below 40 degrees Fahrenheit or when humidity is very high. Stir paint thoroughly. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (2 to 4 hours). Drying time will vary from location to location depending on weather conditions.

It is excellent for spraying, but can be brushed or rolled using a thin nap roller cover or sponge roller cover. Spread uniformly. Sets to touch in approximately one hour, and dries in approximately 2 to 4 hours. Wait at least 4 hours before recoating. Two coats are recommended. Thinning of this product is not recommended, but in extreme cases do not use more than a ½ pint of water per gallon of **WEATHER GUARD™**. Since **WEATHER GUARD™** is a waterborne product, it does require 5 to 7 days to achieve an adequate cure. Care should be taken within the cure time not to damage the finish.

CLEAN UP:

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

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Flat or Semi-Gloss	SPREAD RATE:	200 to 300 sq.ft./gal.
COLOR:	Waterbase Tintable	DRY to TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Acrylic Emulsion	RECOAT:	4 to 6 Hours
SOLIDS by WEIGHT:	50% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	35% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	1.24 lbs./gal. • 148 g/liter	GALLON WEIGHT:	10.4 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 Protective 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#:
5750**

Product Identification	Product Name: WEATHER-GUARD™ Product Code #: 5750 General Usage: Industrial Latex Enamel General Description: Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
Manufacturer Information	Manufacturer's Name: Nationwide Protective 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: 50-55% 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
Ingredients C.A.S. Numbers	Modified Acrylic Polymer Titanium Dioxide Attapulgite Clay Calcium Carbonate Texanol Butyl Carbitol Ceramic Microspheres Propylene Glycol Hydrous Kaolin Clay	Proprietary (non-hazardous) C.A.S.#: 13463-67-7 C.A.S.#: 12174-11-7 C.A.S.#: 1317-65-3 C.A.S.#: 25265-77-4 C.A.S.#: 112-34-5 C.A.S.#: 66402-68-4 C.A.S.#: 57-55-6 C.A.S.#: 1332-58-7
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

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes: Ingestion:	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 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	
Labeling	Explanation of Unique Labeling System: None Used	
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