



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*

**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 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#:  
5750**

<b>Product Identification</b>	Product Name: <b>WEATHER-GUARD™</b> Product Code #: <b>5750</b> General Usage: Industrial Latex Enamel General Description: Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
<b>Manufacturer Information</b>	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 <sup>st</sup> , 2005	
<b>Chemical and Physical Properties</b>	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H <sub>2</sub> O=1): >1 Vapor Presence: about same as H <sub>2</sub> 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 <sub>2</sub> O: Soluble pH (undiluted): 7.5 to 8 Vapor Density (Air=1): <1
<b>Fire Protection Information</b>	Decomposition/Combustion: N/A Flash Point: N/A; Does Not Burn Recommended Extinguishing Media: N/A Flammable Limits: N/A	
<b>Storage and Reactivity</b>	Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None	
<b>Transportation</b>	Hazard Classes: None; Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: Class 55; Water Based Paint	
<b>Container Labeling</b>	Explanation of Unique Labeling System: None Used	

<b>Health Hazard Data</b>	<b>SHORT TERM EXPOSURE</b>	
	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.
	<b>LONG TERM EXPOSURE</b>	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
<b>Personal Protection</b>	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
<b>Spill or Leak Protection</b>	Accidental Release or Spill:  Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal  N/A
<b>Treatability</b>	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	
<b>Recommended Waste Disposal</b>	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**