



100% ACRYLIC NON-YELLOWING
ULTRA CLEAR™
REJUVENATING CLEAR COAT FINISH
PROTECTIVE WATERPROOFING SEALER

PRODUCT DATA
#2700
07/20/10
superseding: 03/30/10

Interior Paints
 Exterior Paints
 Wall Coatings
 Metal/Industrial

PRODUCT DESCRIPTION:

ULTRA CLEAR™ is a Clear Glaze Waterproofing Rejuvenating Sealer Finish for most any surface. A 100% Acrylic sealer designed to effectively penetrate porous surfaces and provide an excellent film formation over non-porous or previously coated surfaces to rejuvenate, preserve, protect, waterproof and beautify. The high-performance acrylic resin and special performance additives form a clear sealer finish or clear gloss finish on most any surface and helps to restore the original color. Multiple coats will progressively increase gloss and build up film thickness for increased performance. Eliminates harmful water intrusion into and onto substrate by the sheeting off of water, thus reducing the environment for mold, mildew and fungi formation and cleansing the surface of dirt and pollution. Originally designed as a sealer for texture coatings and stucco to seal and waterproof and effectively reduce mildew and dirt pick up. **ULTRA CLEAR™** can be used to rejuvenate, waterproof, seal protect and beautify most any type of surface. Excellent for sealing over previously painted or coated surfaces. Acrylic resins actually rejuvenate and promote in extending the life of the surface to which it is applied.

ULTRA CLEAR™ USES:

ULTRA CLEAR™ is a long wearing Waterproofing Clear Gloss Sealer Finish for use on most any previously coated or uncoated interior or exterior surfaces including: asphalt or fiberglass, wood, shakes, plywood, clapboard, primed metal, galvanized, synthetic aluminum, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, adobe, brick, stucco, concrete, clay, masonry, slate, slab and various other substrates. For residential, commercial and industrial applications.

SURFACE PREPARATION:

For proper adhesion and penetration it is essential that the surface be properly prepared. Pressure wash all surfaces with a water and chlorine solution using a maximum of 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. Scrub, if necessary. **ULTRA CLEAR™** will resist mildew growth, but will not kill mildew already on the surface! Apply only to a sound, well prepared surface. Surface must be completely dry and free of all moisture. Patch any holes, cracks, seams, etc., with a Clear Acrylic paintable caulk before applying the sealer. Smooth new wood should be lightly sanded with 80 to 100 grit sandpaper to remove mill glaze.

APPLICATION PROCEDURE:

Stir well before using. Do not apply when temperatures are below 45 degrees Fahrenheit, or when humidity is very high. Do not apply to extremely hot surfaces. The surface must be dry and free of all moisture. Do not apply when sealer will be subjected to rain or heavy dew before it has had enough time to dry (approximately 1 to 2 hours). Drying time will vary from location to location depending on weather conditions.

Stir product occasionally during use. Apply using brush, roller or spray. Do not apply too heavily so that puddling occurs. When spraying, back roll with a thin nap roller cover. When rolling, use a thin nap roller cover. Sets to touch in approximately 1 hour, and dries in approximately 1 to 2 hours. Wait at least 2 hours before recoating. Two coats of **ULTRA CLEAR™** are recommended. Coating will appear to be blue, but will clear out as it dries. Do not thin this product; apply as it is from the container.

Sprayers:

Pump up stain sprayers can be used. Airless Sprayers may be too powerful, adjust pressure and other settings to spray a uniform amount of product without making runs, back roll with a thin nap roller cover.

CLEAN UP:

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

GLOSS CHARACTERISTICS:

For increased gloss, multiple coats can be applied, but sealer will also be more sensitive to blushing with increased film buildup. ASTM D523 (Standard Test Method for Specular Gloss) Gloss will be 70-80 degrees when applied to a non-porous substrate and when applied over a latex roof coating it will be 50-70 degrees.

ULTRA CLEAR™ MAINTENANCE:

For continued protection, recoat surface using **ULTRA CLEAR™** approximately every 3 to 5 years, or when desired gloss is no longer present.

NOTE: Blushing, whitening and/or hazing may occur if (1) surface is not completely dry and free of all moisture, (2) product is applied to extremely hot surfaces or (3) product puddles or is applied too thick.

| Ambient Temperature of 77°F and RH of 50% | | TECHNICAL SPECIFICATIONS: | | Rates & Times May Vary Beyond Specifications | |
|---|-----------------------------------|----------------------------------|-------------------------|--|--|
| FINISH: | Gloss (<i>depends on coats</i>) | SPREAD RATE: | 250 to 350 sq.ft./gal. | | |
| COLOR: | Clear | DRY to TOUCH: | 1 to 2 Hours | | |
| VEHICLE TYPE: | Copolymer Emulsion | RECOAT: | 2 Hours | | |
| SOLIDS by WEIGHT: | 22% +/- 2% | CURE TIME: | 5 to 7 Days | | |
| SOLIDS by VOLUME: | 19% +/- 2% | SIZES: | 1 Gal., 5 Gal., 55 Gal. | | |
| V.O.C.'s (averages): | .49 lbs./gal. • 59.0 g/liter | GALLON WEIGHT: | 8.8 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#:
2700**

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| Product Identification | Product Name: ULTRA CLEAR™ Product Code #: 2700 General Usage: Clear Gloss Sealer Finish General Description: Non-Pigmented Acrylic 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: Clear Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 68-73% 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): 7.5 to 8 Vapor Density (Air=1): <1 |
| Fire Protection Information | Decomposition/Combustion: N/A Flash Point: N/A; Does Not Burn Recommended Extinguishing Media: N/A Flammable Limits: N/A | |
| Storage and Reactivity | Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None | |
| Transportation | Hazard Classes: None; Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: Class 55; Water Based Paint | |
| Container Labeling | Explanation of Unique Labeling System: None Used | |

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| 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: None Target Organ Effects: None Other Health Hazards: 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. | |