



ELASTOMERIC ADHESIVE **ULTRA PRIME™** WATERPROOFING & BONDING CLEAR WALL PRIMER SEALER

**PRODUCT
DATA
#2790**

03/28/13
superseding: 08/01/12

PRODUCT DESCRIPTION:

ULTRA PRIME™ is a clear transparent, acrylic elastomeric, waterproofing adhesive, bonding Primer Sealer. A waterborne, latex based, high resin content formula that contains no fillers or pigments. It is designed to remedy and prepare chalking and/or poorly conditioned surfaces for a finish coat. ULTRA PRIME™ revitalizes and strengthens the surface to which it is applied, preventing cracking, efflorescence, spalling and segregation. ULTRA PRIME™ will bond, seal and waterproof most any exterior surface. Excellent penetrating characteristics enable ULTRA PRIME™ to permeate into the substrate providing a permanent bond to the finish coat. On non-porous substrates, the high resin content provides excellent adhesion to the surface then forming a tight bond to the finish coat. The bond that is formed between ULTRA PRIME™ and the finish coat eliminates any possibility of moisture under the finish coat thus extending the coating's life considerably. Designed as a primer coat for ULTRA SEAL™, ULTRA SATIN™, ULTRA TEX™, ULTRA KOTE™, ULTRA KOTE XL™ and PERMAKOTE® SILVER SEAL coating systems, but can be used as a primer for most any latex based paint or coating.

PRODUCT USES:

Excellent adhesion on most any interior or exterior surface including: weathered wood, shakes, plywood, clapboard, primed metal, galvanized, synthetic or aluminum siding, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, adobe, brick, stucco, concrete, clay, masonry, slate, slab and various other substrates. For interior or exterior use on residential, commercial and industrial applications.

STAINS: Spot prime all stains before priming entire area. ULTRA PRIME™ will seal most stains. If stain persists, a compatible stain blocker must be used on problem area(s).

SURFACE PREPARATION:

Trenching is necessary to form a complete seal. If applicable, trench 4 to 6 inches around the perimeter of the structure. Prepare Exterior Surfaces by thoroughly pressure washing with a water and chlorine solution using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. ULTRA PRIME™ will resist mildew growth, but will not kill mildew already on the surface. Clean Interior Surfaces by washing off all dirt, grease, soap and oil build-up with a powdered household cleaner and water. Rinse thoroughly. Remove loose paint and powdery substances. Patch any holes, cracks, seams, imperfections, etc., with PERMAPATCH™, Waterproofing Caulk & Sealant.

Metal: Clean surface of all grease, oil and foreign matter before priming. Rusted metal and uncoated metal must be primed with METAL-PRIME™, a Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metals which have oils or surface treatments. Check ULTRA PRIME™ 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™ to spot prime the penetrated areas, then use ULTRA PRIME™ Primer for entire coated or galvanized surface.

NOTE: Wood knots should be spot primed with shellac. Pressure treated wood must be aged 6 months before priming. New masonry must age 60 days before priming or you can apply a sealer coat of CHALK FORCE™ Surface Conditioner & Chalk Sealer before or instead of ULTRA PRIME™.

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 (approximately 1 to 2 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. Apply each coat between 10 to 16 mils wet film thickness. Wait at least 4 hours before applying a compatible paint or coating.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .021. 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.

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Transparent	SPREAD RATE:	100 to 150 sq.ft./gal.
COLOR:	Clear (non-pigmented)	DRY TO TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	4 Hours
SOLIDS by WEIGHT:	41% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	36% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.38 lbs./gal. • 45.0 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.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

MSDS#:
2790

Product Identification	Product Name: ULTRA PRIME™ Product Code #: 2790 General Usage: Exterior Latex Elastomeric Wall Primer General Description: Non-Pigmented Latex Wall Primer 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: 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: 55-60% 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 Ethylene Glycol Ammonia Trimethyl Pentandiol Monoisobutyrate Mineral Spirits	Proprietary (non-hazardous) C.A.S. #: 107-21-1 C.A.S. #: 7664-41-7 C.A.S. #: 25265-77-4 C.A.S. #: 8052-41-3
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