



HIGH SOLIDS ACRYLIC **ULTRA BLOCK™** CLEAR BONDING ADHESIVE STAIN BLOCKING PRIMER SEALER

**PRODUCT
 DATA
 #2795**

11/16/09
superseding: 10/29/09

PRODUCT DESCRIPTION:

ULTRA BLOCK™ is a clear adhesive waterproofing, highly alkali resistant, bonding primer sealer and stain blocker. It is a waterborne, acrylic multi-use bonding primer. This high performance latex stain killer effectively seals most stains including: water, lipstick, tobacco, nicotine, inks, crayons and knots or sap streaks. Product has excellent resistance to and sealing of tannin stains. It resists checking and cracking when used over bare exterior plywood, T-1-11, Douglas fir, cedar or pine. It is designed as a primer coat and stain blocker for most any latex based paint or coating.

PRODUCT USES:

ULTRA BLOCK™ is excellent for use on most any interior or exterior surface such as adobe, primed aluminum, asbestos, brick, clapboard, clay, primed copper, concrete, galvanized, masonry, tin, plaster, wood, plywood, aged pressure treated lumber, cedar, T-1-11, Douglas fir, pine, oak, shakes, stucco, slab, primed synthetic siding & various other substrates and surfaces. Excellent resistance to rust on ferrous surfaces. **ULTRA BLOCK™** is ideal for use on Residential, Commercial, Industrial and most other Applications.

SURFACE PREPARATION:

PREVIOUSLY PAINTED SURFACES:

Sand all glossy surfaces before washing. Prepare the surface by pressure washing with at least 1,500 p.s.i. of pressure to remove previous coatings, dirt, oil, grease, chalk, and other foreign materials, especially mold, mildew and algae. Spray and mist the surface with a water and chlorine solution (approximately 1 quart chlorine to 5 gallons of water) and let stand for 15 minutes. On excessively soiled, chalky, algae contaminated, moldy or mildewed surfaces, a stronger concentration of chlorine and scrubbing will be required. Wash surfaces from bottom up including eaves, soffit and fascia. The complete surface to be coated must be cleaned, even if it looks clean, because invisible residues may cause adhesion failure. After cleaning, rinse the surface thoroughly and let dry 24 hours. Scraping, wire brushing and/or sanding may be necessary for complete removal of contaminants.

Note: This product will resist mold, mildew and algae growth, but will not kill spores, which are nearly invisible and must be removed prior to the application.

UNPAINTED/UNCOATED/BARE SURFACES:

Wood: Prime bare wood with **ULTRA BLOCK™**. Sand weathered or discolored wood down to solid wood. The surface must be clean and free of all dust before priming with **ULTRA BLOCK™**. Wood knots should be spot primed with **ULTRA BLOCK™** prior to a full coat of **ULTRA BLOCK™**. Pressure treated wood must be aged at least 6 months before it can be primed with **ULTRA BLOCK™**.

Metal: The surface must be clean and free of all grease, oil and foreign matter before priming with **ULTRA BLOCK™**. Prime nails, nail heads, penetrations, rusted, oxidized or corroded metal with **ULTRA BLOCK™**. If rust persists, a pigmented metal primer may be necessary.

Masonry: Prime with **ULTRA BLOCK™** before painting.

APPLICATION PROCEDURE:

Mix before use. Do not thin. May be applied by brush, roller or spray. Some stains and softer woods with high sap content may require two coats. Some highly sensitive stains may require the application of a solvent-based stain sealer for best results. For exterior applications, stop painting at least two hours before you expect heavy dew, rain, or temperatures below 40°F (7°C). For maximum stain resistance, allow six hours before top coating. Low temperature, high humidity or poor ventilation will increase these times.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .017.

Note: This product will not hide stains completely by itself. Once a paint or coating is applied, the stain or blemish should be noticeably sealed. If stains persist, the application of a solvent-based stain sealer may be necessary.

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:	Matte	SPREAD RATE:	75 to 150 sq.ft./gal.
COLOR:	Clear	DRY to TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	6 Hours
SOLIDS by WEIGHT:	48% +/- 2%	CURE TIME: (full cure may be up to 30 days)	5 to 7 Days
SOLIDS by VOLUME:	42% +/- 2%	SIZES:	1 Gal., 5 Gal.
V.O.C.'s (averages):	.54 lbs./gal. • 65 g/liter	GALLON WEIGHT:	8.75 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.

Phone: 941-753-7500 • U.S. Toll Free: 1-800-423-7264 • Fax: 941-753-1773 • E-Mail: info@natcoat.net



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
2795**

Product Identification	Product Name: ULTRA BLOCK™ Product Code #: 2795 General Usage: Stain Blocking Primer Sealer General Description: Non-Pigmented High Solids Acrylic Primer Sealer 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: 47-52% 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