



ACRYLIC BONDING & SEALING
SUPER BLOCK™
 INTERIOR/EXTERIOR STAIN BLOCKER
 WALL & WOOD PRIMER SEALER

PRODUCT
 DATA
 #2585

02/21/08
 superseding: 06/20/07

PRODUCT DESCRIPTION:

SUPER BLOCK™ is a white, fast drying, acrylic 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 or yellow pine. The bond that is formed between SUPER BLOCK™ and the finish coat eliminates any possibility of moisture under the finish coat thus extending the coating's life considerably. It is designed as a primer coat and stain blocker 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, primed synthetic or aluminum siding, tin, copper, asbestos, acoustic tile, 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. May be applied to new concrete or masonry surfaces with a pH up to 13.0 and prior to a 30 day cure. SUPER BLOCK™ can be tinted to lessen the number of coats required for deep color topcoats.

SURFACE PREPARATION:

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substances. All exterior surfaces must be prepared by thoroughly pressure washing with a water and chlorine mixture using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae.

NEW SURFACES: Prepare new surfaces as follows: **Concrete, Masonry and Plaster** - Cure at least three days before painting, poured in place concrete must cure for at least seven days & the pH must be 13.0 or lower. Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sanding. Rinse thoroughly with water and allow to dry. **Drywall** - Remove sanding dust. **Wood – Interior** - Sand smooth and dust clean. **Exterior** - Counter sink nails. Caulk with latex-type caulk. Slight discoloration on staining woods is normal. If discoloration is considerable, apply a second coat for improved protection. **Steel & Metal** - Prime & prepare any rust or bare metal with METAL-PRIME™ Red-Ox metal primer.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Sanding not required if the surface is properly and thoroughly cleaned (scuff sanding is required only on glossy, hard, slick or dense surfaces which are subject to high levels of moisture). Remove loose paint. Scrub heavy chalk areas and overhead areas such as eaves with soap and water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under **NEW SURFACES**.

APPLICATION PROCEDURE:

Mix thoroughly before use. May be applied by brush, roller or spray. No thinning required. Effectively seals most water stains, inks, crayon, ballpoint pen marks, lipstick, bleeding paints, knots, sap streaks, tobacco, nicotine stains. Some stains may require a second coat. 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 45°F (7°C). For maximum stain resistance, allow four hours before top coating. Low temperature, high humidity, thick films 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. 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.

NOTE:

SUPER BLOCK™ 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.

TECHNICAL SPECIFICATIONS: Ambient Temperature of 77°F and RH of 50%

FINISH:	Flat	SPREAD RATE:	200 to 300 sq.ft./gal.
COLOR:	White	DRY to TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	4 Hours
SOLIDS by WEIGHT:	52% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	46% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	1.77 lbs./gal. • 212.4 g/liter	GALLON WEIGHT:	10.2 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#:
2585**

Product Identification	Product Name: Super Block™ Product Code #: 2585 General Usage: White Stain Sealer / Primer General Description: Pigmented Latex 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 , 2006	
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: 43-48% Evaporation Rate (Butyl Acetate=1): <1	Odor: Mild 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	

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.	

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