



ACRYLIC WITH SILICONE
WATERSEAL™
CONCRETE & MASONRY
CLEAR SEALER

PRODUCT DATA
#5500

07/22/08
superseding: 06/21/07

PRODUCT DESCRIPTION:

WATERSEAL™ is a waterborne Acrylic Urethane with Silicone, Clear Sealer and Preservative for most concrete and masonry surfaces. It is a unique formula that retards efflorescence, chalking, erosion, cracking, moisture vapor penetration, mildew and other damaging effects due to water penetration. **WATERSEAL™** has the durability of solvent based products, but gives the convenience of water clean up with no harmful fumes. It has excellent penetration on porous surfaces and good adhesion on non-porous surfaces.

WATERSEAL™ is a waterproofing, protective coating that highlights the natural beauty in the colors of the surface to which it is applied. It is a fast drying and non-yellowing clear gloss sealer finish. Gloss may be minimal but can be increased with multiple coats. Hazing may occur when excessive build up of the sealer is exposed to moisture.

PRODUCT USES:

WATERSEAL™ can be used on uncoated or previously coated stucco, masonry, cement, adobe, stone and brick. Concrete must cure at least 28 days before being sealed. For residential and commercial applications.

WATERSEAL™ may not be compatible over some previously coated surfaces such as products with silicone. To insure compatibility, test a small area and check for adhesion after 48 hours.

WATERSEAL™ is not recommended for traffic areas or floors. For floors and traffic areas inquire about **CRETE-CLEAR™**, Sealer and Preservative.

SURFACE PREPARATION:

For proper adhesion and penetration it is essential that the surface be properly prepared. Surface must be pressure washed with a water and chlorine solution using at least 1500 P.S.I. to remove all loose surface material. Rinse well with water only and allow to dry for at least 12 hours before applying **WATERSEAL™**. The surface must be completely dry and free from all wax, grease, oil, dirt, loose or flaking material, acid substance and soap deposits.

APPLICATION PROCEDURE:

Stir contents thoroughly. Do not thin **WATERSEAL™**. Apply either by roller, brush, airless sprayer or hand sprayer. Apply at temperatures above 45 degrees Fahrenheit. Do not apply to hot surfaces.

Apply uniformly & do not leave puddles or excessive build up. Two coats may be required on porous surfaces or if more gloss is preferred. Let first coat dry at least 2 to 4 hours before applying a second coat. Drying time will vary depending on temperature, humidity and location.

CLEAN UP:

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

Concrete

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Gloss	SPREAD RATE:	350 to 450 sq. ft./gal.
COLOR:	Clear	DRY to TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	2 to 4 Hours
SOLIDS by WEIGHT:	21% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	20% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	n/a	GALLON WEIGHT:	8.5 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#:
5500**

Product Identification	Product Name: WATERSEAL™ Product Code #: 5500 General Usage: Concrete & Masonry Watersealer & Preservative General Description: Non-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 , 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: 74-79% 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: 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