



WATER-BASED ACRYLIC PAVER SEALER

PENETRATING & WATERPROOFING SEMI-GLOSS CLEAR SEALER



**PRODUCT
DATA
#5897**

01/01/24
superseding: 01/01/21

PRODUCT DESCRIPTION:

Nationwide PAVER SEALER Water-Based Acrylic Natural Paver Sealer is a high-performance semi-gloss clear sealer that penetrates and protects all types of porous decorative pavers. This water-based penetrating sealer will enhance the appearance of pavers while providing excellent weather and water resistance. This is a low V.O.C. waterborne formulation of acrylic resins. Will bond joint sand preventing erosion and weed growth. New technology gives the convenience of water clean up while surpassing the durability of solvent-based products. Provides long lasting protection from weathering and water damage. It has excellent penetration on porous surfaces and superior adhesion on non-porous or compatible previously coated surfaces. Nationwide PAVER SEALER possesses excellent durability and provides for increased water and chemical resistance plus superior resistance to ultraviolet degradation. Film hardness provides excellent mar, scratch and abrasion resistance, and excellent protection against hot tire pick up. Nationwide PAVER SEALER dries to a beautiful decorative, non-yellowing clear semi-gloss finish. is an easily maintained protective finish that will last for many years and has excellent recoatability.

NATIONWIDE PAVER SEALER USES:

Nationwide PAVER SEALER can be used as a clear sealer on interior or exterior bare exterior concrete, masonry, brick including driveways, patios, courts, floors, walkways, pool decks and much more. It can be used on either uncoated or previously painted or stained surfaces. Fresh concrete must cure at least 28 days before being sealed. Nationwide PAVER SEALER may not be compatible over some surfaces, especially surfaces with silicone. Due to the variety of substrates and to insure compatibility, it is important to test a small area and check it after 48 hours.

SURFACE PREPARATION:

For proper adhesion and penetration, it is essential that the surface be properly prepared. Surface must be pressure washed using a water and chlorine solution (approx. 1 qt. of chlorine to 5 gal. of water). Thoroughly remove all dirt, oil, grease, residues, mold, mildew, algae and any other surface contaminants. Severe mildew requires a stronger concentration of chlorine. TSP (Tri-Sodium Phosphate) should be used to clean oil and grease stains. Sweep off any excess sand. Newly installed pavers must weather at least 60 days before application.

UNCOATED CONCRETE:

- **BROOM FINISH:** Pressure wash only.
- **SMOOTH TROWELED CONCRETE SURFACES:** (Garage Floors, Interior Warehouse Floors, Etc.)
Smooth surfaces must be acid etched to insure proper penetration. Visible pores in uncoated concrete must appear before applying the product. Repeat acid etching until visible pores appear in surface. (Surface should feel like 80 grit sandpaper).

Rinse the surface well with water and allow it to dry completely for at least 12 hours. The surface must be completely dry & free from any wax, grease, oil, dirt, loose or flaking material, acid substance and soap deposits before applying Nationwide PAVER SEALER.

APPLICATION PROCEDURE:

Stir well before using. Do not apply when temperatures are below 40 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 (approx. 1 to 2 hours). Do not apply the product to hot surfaces directly in sunlight, this may cause the coating to dry too quickly and reduce or prevent proper penetration and adhesion. Drying time will vary depending on temperature, humidity and location. Apply using brush, roller, low pressure spray (20 psi max.) or pump-up sprayer. Apply uniformly and do not leave puddles or build ups. Spread Rate will vary depending on surface.

Uncoated Concrete: Thin the first coat with 2 quarts of water per 5 gallons. Apply second coat as is from the container without thinning. Wait at least 1 to 2 hours between coats, but application of second coat recommended within 48 hours to insure proper bonding between coats. Let the final application dry at least 24 hours before allowing light traffic (foot traffic) and at least 2 to 3 days before heavy traffic (vehicle traffic). High humidity will increase the cure time of Nationwide PAVER SEALER.

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: | Semi-Gloss | SPREAD RATE: | 200-300 sq.ft. per gallon |
| COLOR: | Clear | DRY to TOUCH: | 1 to 2 Hours |
| VEHICLE TYPE: | Acrylic Emulsion | RECOAT: | 1 to 2 Hours |
| SOLIDS by WEIGHT: | 27% +/- 2% | CURE TIME: | 3 to 5 Days |
| SOLIDS by VOLUME: | 24% +/- 2% | SIZES: | 1 Gal., 5 Gal., 55 Gal. |
| V.O.C.'s (averages): | 1.24 lbs./gal. • 149 g/l | 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 Protective Coating Manufacturers, Inc. will not be liable or responsible for any of its products applied not following Strict Manufacturer's Application Procedures.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
5897**

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|--|---|---------------------------|---------------------|------------------------|-------------------------|----------------------------------|--------------------|---|-------------------------------|--|---|--------------------------|--------------------------|--|---------------------------|
| Product Identification | <p>Product Name: NATIONWIDE PAVER SEALER Product Code #: 5897 General Usage: Concrete and Paver Sealer General Description: Clear Semi-Gloss Sealer C.A.S. Number: None Established; Mixture</p> | | | | | | | | | | | | | | |
| Manufacturer Information | <p>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 1st, 2005</p> | | | | | | | | | | | | | | |
| Chemical and Physical Properties | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Color: Clear</td> <td style="width: 50%;">Odor: Pungent Odor</td> </tr> <tr> <td>Physical State: Liquid</td> <td>Odor Threshold: Unknown</td> </tr> <tr> <td>Boiling Point: 212 Fahrenheit</td> <td>Melting Point: N/A</td> </tr> <tr> <td>Specific Gravity (H₂O=1): >1</td> <td>Freezing Point: 32 Fahrenheit</td> </tr> <tr> <td>Vapor Presence: about same as H₂O</td> <td>Solubility in H₂O: Soluble</td> </tr> <tr> <td>Percent Volatile: 71-76%</td> <td>pH (undiluted): 8 to 8.5</td> </tr> <tr> <td>Evaporation Rate (Butyl Acetate=1): <1</td> <td>Vapor Density (Air=1): <1</td> </tr> </table> | Color: Clear | Odor: Pungent Odor | Physical State: Liquid | Odor Threshold: Unknown | Boiling Point: 212 Fahrenheit | Melting Point: N/A | Specific Gravity (H ₂ O=1): >1 | Freezing Point: 32 Fahrenheit | Vapor Presence: about same as H ₂ O | Solubility in H ₂ O: Soluble | Percent Volatile: 71-76% | pH (undiluted): 8 to 8.5 | Evaporation Rate (Butyl Acetate=1): <1 | Vapor Density (Air=1): <1 |
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| Fire Protection Information | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Decomposition/Combustion:</td> <td style="width: 50%;">N/A</td> </tr> <tr> <td>Flash Point:</td> <td>N/A; Does Not Burn</td> </tr> <tr> <td>Recommended Extinguishing Media:</td> <td>N/A</td> </tr> <tr> <td>Flammable Limits:</td> <td>N/A</td> </tr> </table> | Decomposition/Combustion: | N/A | Flash Point: | N/A; Does Not Burn | Recommended Extinguishing Media: | N/A | Flammable Limits: | N/A | | | | | | |
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| Storage and Reactivity | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Hazardous Polymerization:</td> <td style="width: 50%;">Will Not Occur</td> </tr> <tr> <td>Storage Conditions:</td> <td>Keep from Freezing</td> </tr> <tr> <td>Toxic Products Which May Form:</td> <td>None</td> </tr> </table> | Hazardous Polymerization: | Will Not Occur | Storage Conditions: | Keep from Freezing | Toxic Products Which May Form: | None | | | | | | | | |
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| Transportation | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Hazard Classes:</td> <td style="width: 50%;">None; Not Hazardous</td> </tr> <tr> <td>Hazard Labels:</td> <td>Not Required</td> </tr> <tr> <td>Hazard Determination:</td> <td>MSD Sheet</td> </tr> <tr> <td>Shipping Containers:</td> <td>Varies</td> </tr> <tr> <td>Shipping Class:</td> <td>Class 55; Water Based Paint</td> </tr> </table> | Hazard Classes: | None; Not Hazardous | Hazard Labels: | Not Required | Hazard Determination: | MSD Sheet | Shipping Containers: | Varies | Shipping Class: | Class 55; Water Based Paint | | | | |
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| Container Labeling | <p>Explanation of Unique Labeling System: None Used</p> | | | | | | | | | | | | | | |

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|-----------------------------------|---|---|--|------------------------------|-----------------------|--------------|-----------------------|----------------------------|------|-----------------|----------------|--|
| Health Hazard Data | SHORT TERM EXPOSURE | | | | | | | | | | | |
| | Route of Entry: Inhalation: Skin: | Precautionary Treatment Expected None Expected None | | | | | | | | | | |
| | Eyes: | 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 | | | | | | | | | | |
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| Personal Protection | <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Respiratory Protection:</td> <td style="width: 50%;">No inhalation hazard expected</td> </tr> <tr> <td>Protective Clothing:</td> <td>None Required</td> </tr> <tr> <td>Ventilation:</td> <td>Local</td> </tr> <tr> <td>Other Protective Measures:</td> <td>None</td> </tr> <tr> <td>Eye Protection:</td> <td>Safety Glasses</td> </tr> </table> | Respiratory Protection: | No inhalation hazard expected | Protective Clothing: | None Required | Ventilation: | Local | Other Protective Measures: | None | Eye Protection: | Safety Glasses | |
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| Spill or Leak Protection | <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Accidental Release or Spill:</td> <td style="width: 40%;">Collect liquid or solidify with absorbent package for disposal</td> </tr> <tr> <td>Neutralizing Chemical/Media:</td> <td>N/A</td> </tr> </table> | Accidental Release or Spill: | Collect liquid or solidify with absorbent package for disposal | Neutralizing Chemical/Media: | N/A | | | | | | | |
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| Treatability | <p>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</p> | | | | | | | | | | | |
| Recommended Waste Disposal | <p>Dispose of in accordance with Federal, State and Local guidelines.</p> | | | | | | | | | | | |