



ELASTOMERIC NYLON FIBERGLASS
PERMASEAM™
WATERPROOFING & BONDING
WHITE FIBERED QUICK SEAM SEALER PRIMER

PRODUCT DATA
#7591
07/01/21
superseding: 01/01/21

PRODUCT DESCRIPTION:

PERMASEAM™ is a white, elastomeric acrylic, nylon and fiberglass fibered, waterproofing adhesive, Liquid Seam Sealer and Primer. A waterborne, latex based, high resin content formula that contains minimal fillers and pigments. Designed as an easy to apply labor saving quick seam sealer on metal roof panel seams, but can be used on most any type of roof seam. Nylon stranded fibers and fiberglass impregnated into the dried resin rich sealer enables excellent strengthening and bridging of seams and any other surfaces to which it is applied. This product is not recommended to seal problem seams and seams with a high degree of flexing or any gaps exceeding 1/16 of an inch; please inquire about our PERMAPATCH™ Polyester Waterproofing Seam Tape or PERMASTIK™ Self-Adhering Waterproofing Seam Tape. PERMASEAM™ will bond, seal and waterproof most new or existing roofing surfaces. PERMASEAM™ rejuvenates, revitalizes and strengthens the surface to which it is applied, helping to prevent cracking, efflorescence, spalling and segregation. The bond that is formed between PERMASEAM™ and any subsequent coatings eliminates any possibility of moisture under the finish coat thus extending the coating's life considerably.

PRODUCT USES:

Excellent adhesion on most any roof surfaces including: weathered wood, shakes, plywood, clapboard, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, styrofoam, adobe, brick, stucco, concrete, clay, masonry, slate, slab, built-up-roofs, modified bitumen membranes, rolled roofing, mineral surfaced roofing and various other substrates. For use on residential, commercial and industrial applications.

SURFACE PREPARATION:

For proper adhesion it is essential that the surface is prepared properly. Clean 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. PERMASEAM™ will resist mildew growth but will not kill mildew already on the surface. Rinse thoroughly. Remove loose paint and powdery substances. Patch any holes, cracks, seams, imperfections, etc. that exceed 1/16 of an inch, 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 PERMASEAM™ 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 PERMASEAM™ for area to be coated.

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 (approx. 2 to 4 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush or roller. Spread primer uniformly sealing seam and surrounding areas. Spread Rate will vary depending on substrate. Apply PERMASEAM™ at least 16 mils wet film thickness. Check seams after application and apply additional coats if necessary. Wait at least 6 hours before applying additional coats or a compatible primer, paint or coating.

APPLICATION HINT: Puncture pour holes in five gallon pails and pour a liberal bead directly on seam and follow with roller to distribute to seam and surrounding areas.

SEAM SEALER SPREAD RATES:

Approximately 25 to 50 square feet per gallon depending on thickness applied.
 Approximate Gallons if Applied at: 4" x 100 linear feet = 2/3 to 1 1/3 Gallons 6" x 100 linear feet = 1 to 2 Gallons

CLEAN UP:

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

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

FINISH:	Matte	SPREAD RATE:	25 to 50 sq.ft./gal. (see above)
COLOR:	White	DRY to TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	6 Hours
SOLIDS by WEIGHT:	50% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	38% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.38 lbs./gal. • 46.0 g/liter	GALLON WEIGHT:	10.3 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 past, present or future leaks or any resulting consequential or incidental damages.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
7591**

Product Identification	<p>Product Name: PERMASEAM™ Quick Seam Sealer Primer Product Code #: 7591 General Usage: Exterior Latex Elastomeric Nylon Fiberglass Fibered Sealer General Description: Pigmented and Fibered Latex Coating C.A.S. Number: None Established; Mixture</p>														
Manufacturer Information	<p>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 1st, 2021</p>														
Chemical and Physical Properties	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Color: Transparent White</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 Percent</td> <td>Solubility in H₂O: Soluble</td> </tr> <tr> <td>Volatile: 45-50%</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: Transparent White	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 Percent	Solubility in H ₂ O: Soluble	Volatile: 45-50%	pH (undiluted): 8 to 8.5	Evaporation Rate (Butyl Acetate=1): <1	Vapor Density (Air=1): <1
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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.
Personal Protection	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Spill or Leak Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Treatability	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Recommended Waste Disposal	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