



ELASTOMERIC NYLON FIBERED
PERMAFIBETM
WATERPROOFING & BONDING
WHITE QUICK SEAM SEALER & PRIMER

PRODUCT DATA
#7590
03/30/10
superseding: 06/21/07

PRODUCT DESCRIPTION:

PERMAFIBETM is a transparent white, elastomeric acrylic, nylon 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 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 PERMAPATCHTM Polyester Waterproofing Seam Tape. PERMAFIBETM will bond, seal and waterproof most new or existing roofing surface, and is excellent for locking down small amounts of loose gravel. PERMAFIBETM rejuvenates, revitalizes and strengthens the surface to which it is applied, helping to prevent cracking, efflorescence, spalling and segregation. Excellent penetrating characteristics enable PERMAFIBETM to permeate into the substrate providing a permanent bond to the finish coat. On non-porous substrates, the high resin content provides excellent adhesion to the surface then forming a tight bond to the finish coat. The bond that is formed between PERMAFIBETM and the finish coat eliminates any possibility of moisture under the finish coat thus extending the coating's life considerably. Can be used as a primer coat for PERMAKOTE®, PERMAKOTE® SEMI-GLOSS, PERMAKOTE® SILVER SEAL and PERMAKOTE PLUS® Roof Coating Systems, or can be used as a primer for most any latex based paint or coating. Can be substituted for PERMABOND™ as a primer for warranty conformance for the PERMAKOTE®, PERMAKOTE® SEMI-GLOSS, and PERMAKOTE PLUS® Roof Coating Systems. Inquire about all details including specific instructions and application procedures when a Nationwide Limited Material Warranty is desired.

PRODUCT USES:

Excellent adhesion on most any roof surfaces (not exceeding 1/2 of an inch of Ponding Water in any area of roof surface) 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. PERMAFIBETM 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 PERMAPATCHTM, 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 PERMAFIBETM 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 PERMAFIBETM Primer for entire coated or galvanized surface. If applicable, replace or tighten screws or fasteners, then completely seal with PERMAPATCH™.

NOTE: New masonry must age 60 days before priming or you can apply a sealer coat of CHALK FORCE™ Surface Conditioner & Chalk Sealer before PERMAFIBETM.

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 primer between 12 to 16 mils wet film thickness. Wait at least 6 hours before applying 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.

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:	Transparent	SPREAD RATE:	50 to 75 sq.ft./gal.
COLOR:	White	DRY to TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	6 Hours
SOLIDS by WEIGHT:	42% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	37% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.67 lbs./gal. • 80.0 g/liter	GALLON WEIGHT:	9.4 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#:
7590**

Product Identification	Product Name: PERMAFIBE™ Quick Seam Sealer Primer Product Code #: 7590 General Usage: Exterior Latex Elastomeric Nylon Fibered Sealer General Description: Pigmented and Fibered 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: Transparent 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: 53-58% 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: 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: 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.	