



100% ACRYLIC PERMAGLUE™ WATER-BASED UNIVERSAL MEMBRANE ADHESIVE

PRODUCT
DATA
#7599

08/01/23

superseding: 01/01/23

PRODUCT DESCRIPTION:

PERMAGLUE™ is a clear transparent, 100% acrylic, universal membrane adhesive and bonding Primer Sealer. A water-based latex, high resin content formula that contains no fillers or pigments. This is a medium viscosity acrylic formula designed to provide a tenacious bond in fully adhered, single ply roofing applications. PERMAGLUE™ features a short dry time, making it an ideal product for applications dictated by production line speed. Allows both permanent and repositionable bonding. This material remains flexible once cured, allowing for expansion and contraction of the attached roofing membrane. Excellent penetrating characteristics enable PERMAGLUE™ 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 membrane. The bond that is formed between PERMAGLUE™ and the membrane eliminates any possibility of moisture under the membrane thus decreasing the chance of moisture damage under the membrane.

PRODUCT USES:

Excellent adhesion on most any sloped or flat surfaces including: paper, fabric, cardboard, most plastics, most rubbers, felt, cork, weathered wood, shakes, plywood, clapboard, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, styrofoam, 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. PERMAGLUE™ 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., 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 PERMAGLUE™ 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.

NOTE: New masonry must age 60 days before coating.

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. 1 to 2 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread adhesive uniformly. Spread Rate will vary depending on substrate. Apply a coat between 10 to 12 mils wet film thickness. Immediately lay the membrane into the adhesive. Reposition membrane as quickly as possible before adhesive sets up.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a maximum tip size of .021. Remove all line filters and gun filters before spraying.

Clean Up: Clean all spills and tools immediately after use while coating is wet with warm soapy water.

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Transparent	SPREAD RATE:	125 to 150 sq.ft./gal.
COLOR:	Clear (non-pigmented)	DRY to TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	2 Hours
SOLIDS by WEIGHT:	60% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	58% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	0 lbs./gal. • 0 g/liter	GALLON WEIGHT:	8.9 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#:
7599

Product Identification	Product Name: PERMAGLUE™ Product Code #: 7599 General Usage: Latex Acrylic Primer General Description: Non-Pigmented Universal Membrane Adhesive C.A.S. Number: None Established; Mixture			
Manufacturer Information	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 1 st , 2022			
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: 38-43% 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			
Ingredients C.A.S. Numbers	Acrylic Polymer Proprietary (non-hazardous)			
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			
SHORT TERM EXPOSURE				
Health Hazard Data	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			
	Respiratory Protection: No inhalation hazard expected Protective Clothing: None Required Ventilation: Local Other Protective Measures: None Eye Protection: Safety Glasses			
Spill or Leak Protection				
Accidental Release or Spill: Collect liquid or solidify with absorbent package for disposal Neutralizing Chemical/Media: 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				
Labeling				
Explanation of Unique Labeling System: None Used				
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