



**100% ACRYLIC BONDING**  
**ADHESIVE**  
**WATER-BASED**  
**UNIVERSAL MEMBRANE ADHESIVE**

**PRODUCT DATA**  
**#7599**  
  
**08/01/23**  
*superseding: 01/01/23*

**PRODUCT DESCRIPTION:**

Nationwide ADHESIVE 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. ADHESIVE 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 ADHESIVE 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 ADHESIVE 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. ADHESIVE 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 ADHESIVE 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.

Roof Primers

Ambient Temperature of 77°F and RH of 50%

**TECHNICAL SPECIFICATIONS:**

Rates & Times May Vary Beyond Specifications

FINISH:	Transparent	SPREAD RATE:	100 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**

<b>Product Identification</b>	Product Name: <b>ADHESIVE</b> Product Code #: <b>7599</b> General Usage: Latex Acrylic Primer General Description: Non-Pigmented Universal Membrane Bonding Adhesive C.A.S. Number: None Established; Mixture	
<b>Manufacturer Information</b>	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 <sup>st</sup> , 2022	
<b>Chemical and Physical Properties</b>	Color: Clear Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H <sub>2</sub> O=1): >1 Vapor Presence: about same as H <sub>2</sub> 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 <sub>2</sub> O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air=1): <1
<b>Ingredients C.A.S. Numbers</b>	Acrylic Polymer	Proprietary (non-hazardous)
<b>Fire Protection Information</b>	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A
<b>Storage and Reactivity</b>	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None
<b>Transportation</b>	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers: Shipping Class:	None; Not Hazardous Not Required MSD Sheet Varies Class 55; Water Based Paint

<b>Health Hazard Data</b>	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
<b>Personal Protection</b>	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
<b>Spill or Leak Protection</b>	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
<b>Treatability</b>	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	
<b>Labeling</b>	Explanation of Unique Labeling System: None Used	
<b>Waste Disposal</b>	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**