



**ZERO V.O.C. MODIFIED ACRYLIC
 MULCH GLUE
 CLEAR BONDING SEALER
 LOCKS DOWN: MULCH, PEBBLES, SAND & MORE**

**PRODUCT
 DATA
 #5401**

01/01/25
superseding: 01/01/23

PRODUCT DESCRIPTION:

Mulch Glue is a Zero V.O.C. eco-friendly high-quality clear adhesive designed for outdoor applications. It is specially formulated to bond mulch, wood chips, and other natural materials to various surfaces such as concrete, wood, and metal. This innovative solution keeps your mulch in place and eliminates the frustration of mulch migration. Mulch Glue is a specially formulated high solids resin formulation adhesive that bonds mulch to the ground, preventing it from shifting and moving due to wind, rain, or other weather conditions. Mulch Glue is easy to apply and dries clear, leaving no residue or damage to your landscaping. It's also safe for plants and the environment, so you can enjoy a beautiful, well-maintained garden without any worries. Whether you're a professional landscaper or a DIY gardener, Mulch Glue is the ideal solution for keeping your mulch where you want it. This product is ideal for use in landscaping, playgrounds, and other outdoor areas where natural mulch is required.

PERFORMANCE FEATURES:

- Fast-drying and Long-Lasting
- Strong and Durable Bond
- Weather-Resistant and Water-Resistant
- Zero V.O.C. - and Eco-Friendly
- Easy to Apply with Hand Spray Bottle or Pump Up Sprayer

PRODUCT USES:

Excellent bonding on most loose materials including: mulch, pine straw, pebbles, gravel, sand & dirt.

SURFACE PREPARATION:

For proper adhesion it is essential that the surface areas to be coated are completely dry.

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 a sprayer, pump up sprayer or a handheld spray bottle. Apply a liberal coat to saturate the mulch. Wait at least 1 hour before applying a second coat if applicable.

CLEAN UP:

Clean all spills and tools immediately after use while 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:	Transparent	SPREAD RATE:	50 to 100 sq.ft./gal.
COLOR:	Clear (non-pigmented)	DRY to TOUCH:	1 Hour
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	1 Hour
SOLIDS by WEIGHT:	50% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	46% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	0 lbs./gal. • 0 g/liter	GALLON WEIGHT:	8.8 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#:
5401**

Product Identification	Product Name: MULCH GLUE™ Product Code #: 5401 General Usage: Exterior Latex Mulch Adhesive General Description: Non-Pigmented Latex 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@nationwidecoatings.com Date Effective: January 1 st , 2023	
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: 45-50% 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	Modified 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	

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	
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