



ELASTOMERIC HIGH SOLIDS TROWEL GRADE
PERMAPATCH™
WATERPROOFING CAULK, FILLER & SEALANT
For: ROOFS, FLOORS, WALLS & MORE...

PRODUCT DATA
 #7540
 03/29/10
Available in 10.1 ounce standard Caulk Tubes
superseding: 06/21/07

PRODUCT DESCRIPTION:

PERMAPATCH™ is a White, Elastomeric Acrylic, Trowel or Brush Grade Waterproofing Caulk, Filler and Sealant. A waterborne, high solids formula with a high concentration of Elastomeric Acrylic Resin and High-Performance, Weather Resistant Pigments. It is specifically designed for waterproofing, sealing and filling: holes, valleys, cracks, vents, low spots, flashings, seams and other probable or vulnerable leaking areas. PERMAPATCH™ is a multi-purpose caulk and sealant which was designed for roofing surfaces, but can be used on walls, floors and virtually any substrate, horizontal or vertical. Dries to a tough yet flexible rubberlike sealant, with minimal shrinkage. Excellent waterproofing, bonding and sealing characteristics. Very easy to apply and can be painted over with most any latex paint or coating.

PERMAPATCH™ USES:

PERMAPATCH™ can be used on horizontal (non-ponding) and vertical surfaces or substrates including roofs, walls, floors, etc. Excellent adhesion on weathered wood, shakes, plywood, clapboard, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, primed styrofoam, fiberglass, built-up-roofs, bonded roof gravel, rolled roofing, modified bitumen membranes, mineral surfaced roofing, concrete tiles, clay tiles, masonry tiles (flat or barrel), primed synthetic or aluminum, adobe, slate, slab, properly prepared EPDM, and various other substrates. PERMAPATCH™ is ideal for residential, commercial and industrial applications.

HIGH PERFORMANCE FEATURES:

*Excellent Adhesion & Bonding - Multi-Purpose: Roofs, Walls & Floors - Minimal Shrinkage with No Cracking – Waterproofing
 Elasticity Resists against Thermal Shock - Easy Application - Water Clean Up – High Solids - Environmentally Safe*

SURFACE PREPARATION:

Apply only to a sound, completely dry, well prepared surface. Leaks must be repaired before any coating is applied. If primer was applied, it is essential that the primer surface is clean and dry and free of all moisture. If no primer was applied, prepare surface by thoroughly pressure washing with a water and chlorine mixture using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. PERMAPATCH™ will resist mildew growth, but will not kill mildew already on the surface.

Metal: Clean surface of all grease, oil and foreign matter before patching. 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 PERMAPATCH™ 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, galvanized or coated metal must be lightly scuffed without penetrating the coated finish or galvanizing. If applicable, use METAL-PRIME™ to spot prime the penetrated area(s).

APPLICATION PROCEDURE:

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 caulk will be subjected to rain or heavy dew before it has had enough time to dry (approximately 4 to 6 hours). Drying time will vary depending on temperature, humidity and location.

Apply using a stiff brush or trowel. Patch any holes, cracks, flashings, valleys, vents, etc. and any low spots or vulnerable leaking areas. (PERMAPATCH™ will seal seams, but for severe applications inquire about PERMATAPE™, a polyester seam tape.) Spread uniformly. When filling deep holes, more than 1 square inch, apply multiple coats and build the patch up and allow for minimal shrinkage. Sets to touch in approximately 2 hours and dries in approximately 5 to 24 hours depending on thickness of application. The thicker the PERMAPATCH™ is applied the longer it will take to dry. PERMAPATCH™ can be coated over in 12 hours, but be careful not to disturb the patch since it will dry from top to bottom. PERMAPATCH™ should be top coated with a compatible latex paint or coating and should not be left uncoated.

Clean Up: Clean up PERMAPATCH™ immediately while it 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:	Flat	SPREAD RATE VOLUME:	144 Cu. Inches per Gallon
COLOR:	White (Non-Tintable)	DRY to TOUCH/RECOAT:	2 to 4 Hours/12 Hours
VEHICLE TYPE:	Copolymer Emulsion	CURE TIME:	5 to 7 Days
SOLIDS by WEIGHT:	64% +/- 2%	SIZES: (10.1 ounce tubes)	Caulk Tubes, 1 Gal., 5 Gal.
SOLIDS by VOLUME:	40% +/- 2%	GALLON WEIGHT:	11.7 lbs. +/- .3 lbs.
V.O.C.'s (averages):	1.04 lbs./gal. • 125.0 g/liter		

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 Chemical 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#:
7540**

Product Identification	Product Name: PERMAPATCH™ Product Code #: 7540 General Usage: Elastomeric Caulk and Sealant General Description: Pigmented Latex Caulking 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: Paste Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 31-36% 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.	

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