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POWDER ROOFING
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100% Non-Yellowing Modified Acrylic
SUMMIT SHIELD
CLEAR REJUVENATING ROOF GLAZE & PROTECTIVE SHINGLE SEALER

PRODUCT DATA #7501

7 YEAR LIMITED MATERIAL WARRANTY

01/01/24
superseding: 01/01/22

PRODUCT DESCRIPTION:
SHINGLE SEALER™
is a Clear Glaze Waterproofing Rejuvenating Roof Sealer Finish and Clear Shingle Sealer. A 100% Acrylic sealer designed to preserve, protect, waterproof and beautify. The high-performance acrylic resin and special performance additives form a breathable clear sealer finish and helps to restore original color. Multiple coats will progressively increase gloss and build up film thickness for increased performance. Eliminates harmful water intrusion into and onto substrate by the sheeting off of water, thus reducing the environment for mold, mildew and fungi formation and cleansing the roof of dirt and pollution. Originally designed as an asphalt shingle sealer to rejuvenate and reseal loose granules extending the life of the roof and effectively reduce mildew and dirt pick up. **SUMMIT SHIELD** can be used to rejuvenate, waterproof, seal, protect and beautify most any type of sloped roofing surface. Excellent for sealing over previously painted or coated surfaces. Excellent for sealing and rejuvenating fiberglass skylights. Acrylic resins actually rejuvenate and promote extending the roof's life & roofing surface.

SDUMMIT SHIELD USES:
ASPHALT SHINGLES/ROLL ROOFING:
Excellent for use on Asphalt or Fiberglass Shingles and Roll Roofing to preserve, protect and waterproof the mineral granules. Protects against the premature breakdown of the tar composition (curling & cracking) by rejuvenating and waterproofing the mineral granules. The mineral granules protect the tar composition from the sun and water.

SURFACE PREPARATION:
For proper adhesion and penetration it is essential that the surface be properly prepared. On shingles or other granulated roofing surfaces wash all surfaces with a low pressure water and chlorine solution to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. Scrub, if necessary. **SUMMIT SHIELD** will resist mildew growth, but will not kill mildew already on the surface! Apply only to a sound, well prepared roof surface. Roof surface must be completely dry and free of all moisture. Patch any holes, cracks, seams, etc., with a Clear Acrylic paintable caulk before applying the sealer.

APPLICATION PROCEDURE:
Stir well before using. Do not apply when temperatures are below 45 degrees Fahrenheit, or when humidity is very high. Do not apply to extremely hot surfaces. The surface must be dry and free of all moisture. Do not apply when sealer will be subjected to rain or heavy dew before it has had enough time to dry (approximately 1 to 2 hours). Drying time will vary from location to location depending on weather conditions.
Stir product occasionally during use. Apply using brush, roller or spray. Do not apply too heavily so that puddling occurs. When spraying, back roll with a thin nap roller cover. When rolling, use a thin nap roller cover. Sets to touch in approximately 1 hour, and dries in approximately 1 to 2 hours. Wait at least 2 hours before recoating. Two coats of **SUMMIT SHIELD** are recommended and required for warranty compliance. Coating will appear to be blue, but will clear out as it dries. Do not thin this product; apply as it is from the container.
Sprayers:
Pump up stain sprayers can be used. Airless Sprayers may be too powerful, adjust pressure and other settings to spray a uniform amount of product without making runs, back roll with a thin nap roller cover.

CLEAN UP:
Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

GLOSS CHARACTERISTICS:
For increased gloss, multiple coats can be applied, but sealer will also be more sensitive to blushing with increased film buildup.
ASTM D523 (Standard Test Method for Specular Gloss) Gloss will be 70-80 degrees when applied to a non-porous substrate and when applied over a latex roof coating it will be 50-70 degrees.

SUMMIT SHIELD MAINTENANCE:
For continued protection, recoat roof surface using **SUMMIT SHIELD** approximately every 5 to 7 years, or when desired gloss is no longer present.

NOTE: Blushing, whitening and/or hazing may occur if (1) roof surface is not completely dry and free of all moisture, (2) product is applied to extremely hot surfaces, (3) product puddles or is applied too thick or (4) More than 3 coats are applied.

WARRANTY COMPLIANCE INFORMATION:

The SUMMIT SHIELD 7 YEAR LIMITED MATERIAL WARRANTY is for Product Only and applies to chipping, cracking and peeling, on granulated surfaces only. Labor is not covered by this warranty. This product is not guaranteed to stop or prevent leaks; all leaks must be repaired prior to the application of any coating. The WARRANTY is available only when product is applied according to Manufacturer's Application Procedures and Strict Material Requirement Specifications and a Warranty Registration (and a Job Completion Form if coated area exceeds 10,000 square feet) is submitted to Manufacturer within 90 days of completed coating application date.
SLOPED ROOFS ONLY: This Warranty is available for well draining, sloped roofing surfaces only. Slope of roof must be greater than 1" per 24" or an angle greater than 4 degrees.
MINIMUM SPREAD RATES: Must be applied at no more than 350 square feet per gallon per coat, resulting in an aggregate spread rate of 175 square feet per gallon for both coats.

Roof Coatings

TECHNICAL SPECIFICATIONS:

Ambient Temperature of 77° F and RH of 50%

Rates & Times May Vary Beyond Specifications

FINISH:	Gloss *(depends on coats)*	SPREAD RATE:	250 to 350 sq.ft./gal.
COLOR:	Clear	DRY to TOUCH:	1 to 2 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	2 Hours
SOLIDS by WEIGHT:	24% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	19% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.37 lbs./gal. • 44.0 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.

Phone: 941-753-7500 • U.S. Toll Free: 1-800-423-7264 • Fax: 941-753-1773 • E-Mail: info@natcoat.net

MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

MSDS#: 7501

Product Identification	Product Name: **SUMMIT SHIELD** Product Code #: **7501** General Usage: Clear Gloss Roof Sealer Finish General Description: Non-Pigmented Acrylic Coating 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.powederroofing.com E-Mail: info@powderroofing.com Date Effective: January 1st, 2020
Chemical and Physical Properties	Color: Clear Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H_2O=1): >1 Vapor Presence: about same as H_2O Percent Volatile: 71-76% Evaporation Rate (Butyl Acetate=1): <1 Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H_2O: Soluble pH (undiluted): 7.5 to 8 Vapor Density (Air=1): <1
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
Container Labeling	Explanation of Unique Labeling System: None Used

Health Hazard Data	SHORT TERM EXPOSURE Route of Entry: Precautionary Treatment Inhalation: Expected None Skin: Expected None Eyes: Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists Ingestion: 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 OrganEffects: None Other HealthHazards: None Known
Personal Protection	Respiratory Protection: No inhalation hazard expected Protective Clothing: None Required Ventilation: Local Other ProtectiveMeasures: 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
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 beso.

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