NATIONWIDE PROTECTIVE COATING MFRS., INC. • 7106 24th Court East • Sarasota, Florida 34243 • U.S.A.

www.nationwidecoatings.com

ELASTOMERIC MODIFIED ACRYLIC
LIQUI-TARP®
WATERPROOFING & PROTECTIVE
MATTE FINISH TEMPORARY ROOF COATING

BLUE, WHITE or Custom COLORS

PRODUCT DATA
#7010W
#7010B
03/29/10
superseding: 06/18/08

PRODUCT DESCRIPTION:
LIQUI-TARP® is a Matte Finish, Light Blue, Bright White or Custom Color, Elastomeric Modified Acrylic, Waterproofing Protective Temporary Roof Coating. It is a water-based, high build formula that possesses waterproofing properties that beautifies, protects and temporarily extends the life of most any roofing surface. It forms a monolithic, thick rubber like shield of protection that expands and contracts with varying hot and cold temperatures, plus excellent resistance to thermal shock. LIQUI-TARP® is a temporary coating that offers superior mildew resistance, excellent adhesion, U.V. ray reflectivity and a beautiful matte finish. Created to temporarily help seal and protect storm damaged roofing surfaces until a more permanent roof restoration can be accomplished. LIQUI-TARP® will seal most minor roof penetrations but is not guaranteed to fully prevent leaks. This easy to apply roof coating system will provide adequate temporary protection and extend the life of the damaged roof.

LIQUI-TARP® USES:
Recommended for well draining roofing surfaces only. 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, and various other substrates. LIQUI-TARP® is ideal for residential, commercial and industrial applications.

SURFACE PREPARATION:
Apply only to a clean, sound, dry, prepared roof surface by thoroughly cleaning to remove any loose dirt, grease, previous coating or other foreign materials. Patch cracks, flashings, valleys, vents, etc., less than 1/16 inch, with PERMAPATCH™, a Waterproof Caulk and Sealant. Cover any holes, voids, cracks, etc., larger than 1/16 inch, with Polyester Fabric, Burlap, PermaTape™, PermaMat™ or other porous covering and adhere to surrounding roof surface. An optional primer coat of ROOF-PRIME™, PERMABOND™ or METAL-PRIME RED-OX™ is recommended. If a primer was applied, it is essential that the primer surface is clean and dry and free of all moisture. If no primer was applied, proceed to apply LIQUI-TARP® following Application Procedure below. LIQUI-TARP® will resist mildew growth, but will not kill mildew already on the surface. Eliminate existing mold, mildew and algae with a chlorine/water wash, rinse thoroughly and allow surface to completely dry before proceeding.
Metal: Clean surface of all grease, oil and foreign matter before priming. Rusted metal and uncoated metal must be primed with METAL-PRIME RED-OX™, a Red Iron Oxide Primer Sealer. Use a degreaser on new galvanized or coated metals which have oils or surface treatments. Check LIQUI-TARP® adhesion on new 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. If applicable, use METAL-PRIME RED-OX™ to prime the penetrated areas.

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. 2 to 4 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread coating uniformly. Spread Rate will vary depending on surface. Apply each coat between 12 to 16 mils wet film thickness. Wait at least 12 hours before applying a second coat. Two coats resulting in a minimum 10 mil total dry film thickness is recommended. Apply first coat in a North/South direction and the second coat in an East/West direction creating a cross-hatch application.
Alternate One-Coat Spray Application Method: Divide the roof into workable sections and spray as follows: Use a tight overlapping "Z" pattern to apply initial coating. Immediately recoat using a tight overlapping "N" pattern over the area originally coated. This will provide a one-coat cross-hatched application to insure complete coverage. Total application to result in 16-20 mils wet. Proceed using this method for the balance of the roof.

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

Specialty

Roof Coatings

TECHNICAL SPECIFICATIONS:

Ambient Temperature of 77°F and RH of 50%

Rates & Times May Vary Beyond Specifications

FINISH:	Matte	SPREAD RATE:	100 - 150 sq.ft. per gallon
COLOR:	White, Blue or White Base	DRY to TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	12 Hours
SOLIDS by WEIGHT:	52% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	40% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.54 lbs./gal. • 64.7 g/liter	GALLON WEIGHT:	10.6 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.

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#: 7000

Product Identification	Product Name: **KOOL-KOTE™** Product Code #: **7000** General Usage: Exterior Latex Roof Coating General Description: Pigmented Latex 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.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1st, 2005
Chemical and Physical Properties	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H_2O=1): >1 Vapor Presence: about same as H_2O 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_2O: Soluble pH (undiluted): 8 to 8.5 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 Organ Effects: None Other Health Hazards: None Known
Personal Protection	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
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.

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