



ELASTOMERIC
KOOL-KOTE™
REFLECTIVE
ROOF COATING

PRODUCT
DATA
#7000

03/30/10
superseding: 06/21/07

PRODUCT DESCRIPTION:

KOOL-KOTE™ is a bright white, modified acrylic blend elastomeric, reflective, waterproofing roof coating. It is a waterborne, latex based, high build, waterproofing formula that beautifies and protects. **KOOL-KOTE™** helps seal and prevent most small leaks, but is not guaranteed to do so. It forms a rubber-like shield of protection that expands and contracts with varying hot and cold temperatures, plus resists thermal shock. **KOOL-KOTE™** offers good mildew resistance, bright white reflectivity, excellent adhesion and a beautiful finish. It has been designed as a reflective coating to save on energy during the hotter seasons of the year. This easy to apply roof coating will provide years and years of durable protection, outstanding beauty, and will actually extend the life of the roof.

KOOL-KOTE™ USES:

KOOL-KOTE™ is recommended for well drained, SLOPED roof surfaces only (minimum of 2 degrees or 1" per 2 foot slope). It has excellent adhesion on weathered wood, shakes, plywood, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, styrofoam, fiberglass, built up roofs, bonded roof gravel, rolled roofing, modified bitumen membranes, mineral surfaced roofing, stucco, concrete tiles, clay tiles, masonry tiles (flat or barrel), slate, slab and various other substrates. **KOOL-KOTE™** is intended for residential, commercial and industrial applications.

HIGH PERFORMANCE FEATURES:

KOOL-KOTE's™ high reflectivity saves on energy. It's beautiful bright white finish can be tinted to pastels & light colors. It extends roof life and features easy application and water clean up. It is also safe for the environment.

SURFACE PREPARATION:

If the roof surface to be coated was previously coated, if leaks were previously present, or if the roof surface requires extra bonding; a primer sealer coat of **ROOF-PRIME™** or **PERMABOND™** is recommended prior to the application of **KOOL-KOTE™**. For proper adhesion it is essential that the surface be clean and dry and free of all moisture. Prepare the surface by thoroughly pressure washing with a water and chlorine solution (unless previously done before application of a primer coat) using at least 1500 P.S.I. to remove all previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. **KOOL-KOTE™** will resist mildew growth but will not kill mildew already on the surface. Apply it only to a sound, well prepared roof surface. Patch any holes, cracks, flashings, valleys, vents, etc., with **PERMAPATCH™**, a waterproof caulk and sealant. Tape and seal all seams with **PERMATAPE™**, a polyester fabric tape.

APPLICATION PROCEDURE:

Stir **KOOL-KOTE™** 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 (approximately 4 to 6 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread uniformly and do not allow puddling. Wait at least 12 hours before applying a second coat. Two coats are recommended for optimum performance.

AIRLESS SPRAYERS:

Use at least a 1 gallon per minute piston type airless Sprayer with a minimum tip size of .025. 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.

TECHNICAL SPECIFICATIONS: Ambient Temperature of 77°F and RH of 50%

FINISH:	Flat	SPREAD RATE:	100 to 150 sq.ft./gal.
COLOR:	White (Tintable)	DRY to TOUCH:	4 to 6 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	12 Hours
SOLIDS by WEIGHT:	55% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	38% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.49 lbs/gal 59.0 gr/lt	GALLON WEIGHT:	11.6 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.



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 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: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ 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 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