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

www.nationwidecoatings.com

ELASTOMERIC WALKWAY SURFACE

TREAD KOTE™

RUBBER TIRE CUSHIONING MATERIAL
FLOOR SURFACING & PROTECTIVE COATING

PRODUCT DATA #4195

06/28/10
superseding: 08/31/09

PRODUCT DESCRIPTION:
TREAD KOTE™ is an Impervious, Cushioned Flooring System, designed for a wide variety of Commercial and Industrial Applications. A cold applied, wet poured product that forms a one piece seamless, monolithic flooring surface. **TREAD KOTE™** provides excellent traction for added safety. The cushioned surface also makes for more comfortable walking with less wear on legs. **TREAD KOTE™** is the extremely durable yet flexible, flooring and walkway solution. **TREAD KOTE™** is made with crumb rubber (from recycled tires) and a special elastomeric bonding agent. It complies fully with the Nationwide Chemical Coating Manufacturers, Inc. standards for Green Product Technology. This coating can be coated with a tintable colored topcoat, allowing you to create a wide range of coordinated appearances and attractive finish looks.

TREAD KOTE™ USES:
Recommended for Commercial and Industrial Flooring, Roof Top Walkways, Equestrian Flooring, Playgrounds, Outdoor Paths, Golf Courses and anywhere else a long term, hard wearing surface is required. **TREAD KOTE™** is ideal for creating protected access paths on coated roof tops that are easily damaged by boot and shoe soles. It also makes an excellent flooring solution for stables and barns, cleanable, non-skid, and cushioned for animals hooves. **TREAD KOTE™** has also proven useful in gyms and on playgrounds when it is desirable to provide a cushioned, non-skid, easy cleaning surface over hard surfaces such as concrete, brick and stone.

SURFACE PREPARATION:
For proper adhesion and penetration it is essential that the surface be properly prepared. Surface must be pressure washed with at least 1500 P.S.I. of pressure using a water and chlorine solution (approx. 1 qt. of chlorine to 5 gal. of water). Thoroughly remove all dirt, oil, grease, residues, mold, mildew, algae and any other surface contaminants. Severe mildew requires a stronger concentration of chlorine. TSP (Tri-Sodium Phosphate) should be used to clean oil and grease stains.
OPTIONAL PRIMER: We strongly recommend **ULTRA PRIME™** or **PERMABOND™**, adhesive bonding and penetrating primer for most uncoated and previously coated or stained surfaces, before applying **TREAD KOTE™**. See POROUS or UNCOATED SURFACES section below.

APPLICATION PROCEDURE:
Stir well before using. Thinning not recommended, but if necessary use water sparingly. Do not apply when temperatures are below 40 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, location and thickness the product is applied. Apply uniformly, spread rate will vary depending on surface and thickness the product is applied.

POROUS or UNCOATED SURFACES:
We strongly recommend **ULTRA PRIME™** or **PERMABOND™**, adhesive bonding and penetrating primer for most uncoated and previously coated or stained surfaces, before applying **TREAD KOTE™**. Prepare forms, if applicable, before applying primer. If **ULTRA PRIME™** or **PERMABOND™** is to be applied, follow the Surface Preparation and Application Procedure on their respective Data Sheets.

PREVIOUSLY COATED or PRIMED SURFACES:
Prepare forms, if applicable, to contain the pouring area as needed. Pour **TREAD KOTE™** directly from the container onto the surface. The wet material should be smoothed to an even, level surface using a trowel, squeegee or other appropriate tool. The surface should be dry to touch in 2-4 hours and cured to walk on in 2 weeks. Apply a tintable colored topcoat after 12 hours.

FORMS:
If removable forms are to be used, apply a generous coat of car wax to the form surface to reduce or eliminate adhesion to the forms.

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

Specialty

TECHNICAL SPECIFICATIONS:

Ambient Temperature of 77°F and RH of 50%

Rates & Times May Vary Beyond Specifications

FINISH:	Matte	SPREAD RATE:	10 - 15 sq.ft. per gallon
COLOR:	White/Black	DRY to TOUCH:	4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	24 Hours
SOLIDS by WEIGHT:	75% +/- 2%	CURE TIME:	14 Days
SOLIDS by VOLUME:	70% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.58 lbs./gal. • 69.4 g/liter	GALLON WEIGHT:	11.9 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#: 4195

Product Identification	Product Name: **TREAD KOTE™ Elastomeric Walkway Surface** Product Code #: **4195** General Usage: Walkway Surfacing Material General Description: Pigmented Viscous Material with Ground Rubber Tire 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, 2008
Chemical and Physical Properties	Color: White with Black Rubber Physical State: Viscous Material Boiling Point: 212 Fahrenheit Specific Gravity (H_2O=1): >1 Vapor Presence: about same as H_2O Percent Volatile: 20-25% Evaporation Rate (Butyl Acetate=1): <1 Odor: Mild 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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