



ELASTOMERIC WALKWAY SURFACE
TREAD KOTE™
RUBBER TIRE CUSHIONING MATERIAL
FLOOR SURFACING & PROTECTIVE COATING

PRODUCT DATA
#4195
08/31/09
superseding: 04/20/09

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.

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

| | | | |
|----------------------|------------------------------|----------------|---------------------------|
| FINISH: | Matte | SPREAD RATE: | 10 - 25 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.

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#:
4195**

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| 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 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 , 2008 | |
| Chemical and Physical Properties | Color: White with Black Rubber Physical State: Viscous Material Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O 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 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 |

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|-----------------------------------|--|---|
| Health Hazard Data | SHORT TERM EXPOSURE | |
| | Route of Entry: Inhalation: Skin: Eyes: | 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 |
| | Ingestion: | 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