



TUNDRA

SYNTHETIC FLOOR PROTECTANT

PISO SINTÉTICO PROTECTANT

Technical Data

Environment, Health & Safety

- Biodegradable
- Low Toxicity
- No Phosphates
- No Ozone Depleting Compounds
- No Known Carcinogens
- No Chlorine Bleach
- No Butoxyethanol
- No Petroleum Distillates
- Low VOC Level
- Recyclable Container

Specifications

SSS Item Numbers	48103
Available Sizes	2.5G
Color	Milky emulsion
Fragrance	Mild odor
pH	8.0 - 8.5
Non-volatile Solids	18.0 + 0.5%
Dry/Recoat Time	45 minutes min.
Slip Resistance	0.5 min. by ASTM-D2047
Durability	Excellent
Buffability	Spray buffing or high speed burnishing
Removability	With instant type strippers
Detergent Resistance	Excellent
Viscosity	Water thin
VOC Content	0.54 lbs./gal.
Storage/Stability	1 year
Weight Per Gallon	8.54 lbs./gal.
Freeze/Thaw Stability	Keep from freezing

HMIS Hazardous Materials I.D. System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

What the Pros Know

Using a microfiber applicator will result in exceptional flow and leveling properties and will help keep the finish off the baseboards.

Description

A new generation environmentally responsible synthetic floor finish designed to work on any type of synthetic floor due to its exceptional durability and flexibility. This synthetic floor finish is specifically formulated to work on rubberized flooring due to its elastic properties that will prevent cracking. Meets today's need for a product that contains no zinc or other heavy metals that can be harmful to wastewater treatment systems. This low odor finish has the flexibility needed to protect a synthetic floor, while being tough enough to stand up to excessive wear on that occurs on synthetic sport floors.

Directions

Wear safety equipment recommended on MSDS, place Wet Floor Signs and read all directions and cautions prior to beginning your work.

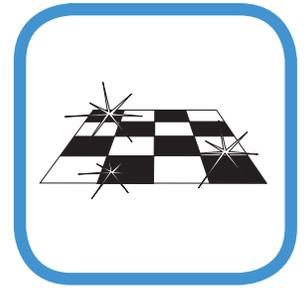


PREPARATION: For new synthetic floors, make sure to check with the manufacturer regarding the warranty and specific maintenance recommendations before beginning. For older floors that are out of warranty, simply follow these steps to clean and prepare the floor for coating. If floor is in good condition and stripping is not necessary, sweep up excess dirt and dust and then clean with Savanna All Surface Cleaner following the directions accordingly to remove dirt and oils. If there is a heavy build-up of acrylic, urethane, or other film coatings, use Tornado Neutral pH Floor Stripper and follow directions accordingly. Follow with a thorough rinsing and allow floor to dry completely.

FINISHING: Apply 2 to 3 thin coats of product using a microfiber applicator or clean finish mop. Allow a minimum of 30 minutes drying time between coats. Repeat until a desired level of gloss is achieved.

RESTORATION: Dust mop or sweep thoroughly. Dilute Recharge Gloss Restorer according to directions and apply to floor with clean mop or automatic scrubber.

RECOATING: Dust mop or sweep thoroughly. Deep scrub using All Surface Cleaner diluted according to directions. Apply 1 or 2 coats of finish using a clean mop.



*Exception
Durability and
Flexibility*

Low Odor

*No Zinc or Other
Heavy Metals*



Certified
Hard Floor Care Product
CCD-147



MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date:1/09 Revision: N/A

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Tundra
Generic Name: Synthetic Floor Protectant
Chemical Family: Acrylic Wax Blend
Formula: Proprietary
Triple S Product Number: 48103

Manufactured For: Triple S
Address: 2 Executive Park Drive Billerica, MA 01862
Phone #: 800-323-2251

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Mixed Acrylic Copolymer Dispersions	N/A	30 to 40			
Modified Propylene Copolymer	25722-45-6	0 to 5			
Ethylene Acrylic-acid Copolymer	9010-77-9	0 to 5			
Tributoxyethyl Phosphate	78-51-3	0 to 5			
Diethylene Glycol Methyl Ether	111-77-3	0 to 5			

SECTION 3-PHYSICAL DATA

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.024	Flash Point (Method Used): None
Vapor Pressure: <20mm Hg @ 68 F.	Vapor Density (Air=1): =1	Upper Explosion Limit: N/A
% Volatile: 75+	pH: 8.0 – 8.5	Lower Explosion Limit: N/A
Solubility in Water: Complete	Evaporation Rate (Water=1): <1	Extinguishing Media: N/A
Physical Description: Thin milky liquid with characteristic odor.		Special Firefighting Procedures: Non Flammable
VOC Content (% wt.): 6.37%, 0.54 lbs./gal.		Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: None
Hazards Decomposition Products: Will not occur	Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

Caution, Eye irritant. May cause skin irritation with prolonged or repeated contact. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

SECTION 8-SPECIAL PROTECTION INFORMATION

Effects of Overexposure:
Skin: Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: Prolonged exposure may cause dizziness, headache, nausea.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting and diarrhea expected with large doses.

First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention.
Inhalation: Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

Respiratory Protection: Use in well-ventilated areas only.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Rubber or chemical resistant.
Eye Protection
Other Protective Equipment: Chemical resistant footwear e.g. rubber boots to protect feet. Long pants to protect legs.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:	Shipping Information:
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Liquid Floor Wax
No - Sudden Release of Pressure Hazard	
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Liquid Floor Wax
Yes - Immediate (acute) Health Hazard	
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Liquid Floor Wax

HMIS Hazardous Materials Identification System

Health	1
Flammability	0
Reactivity	0
Personal Protection	A

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ER# 888-779-1339

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product