



Safety Data Sheet

SECTION 1: Identification

Identifier Code(s):	21104
Product Name:	Terra Shield
Manufactured By:	Pro Services International LLC 5940 S Rainbow Blvd Las Vegas, Nevada 89118 702-979-7276 E-Mail: info@proserv-international.com
Product Use:	Water-based Floor Coating
Restrictions for Use:	Application and sale for Institutional/Commercial use only. Not for retail sale.
Emergency Contact Information	INFOTRAC 1-800-535-5053 Outside US and Canada 1-352-323-3500 NOTE: INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

SECTION 2: Hazard(s) Identification

Hazard Classification:	Mixture
Hazard Category	Not classified as a hazardous mixture
Signal Word:	No signal word
Symbol(s) of Product:	No symbol(s)
Hazard Statement(s):	Not classified as a hazardous mixture
Precautionary Statement(s):	P280 Wear protective gloves/eye protection.
Mixture content percentage of unknown toxicity:	0%

SECTION 3: Composition / Information on Ingredient(s)

Hazardous Ingredients	CAS Number	Total %/WT	GHS Classification
None reportable			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified hazardous to health or the environment.

SECTION 4: First-Aid Measures

Description of First-Aid Measures

Move to safe area. Treat symptomatically. If you feel unwell, seek medical advise immediately. No action shall be taken involving any personal risk or without suitable training.

Inhalation

If signs of dizziness; remove the affected person to fresh air. If symptoms persist; seek medical attention.

Skin Contact

Remove contaminated clothing. Thoroughly flush and wash affected area with soap and water. Launder contaminated clothing before reuse. If irritation persists, seek medical attention. Wash affected clothing before reuse.

Eye Contact

Rinse eyes under running water immediately. Check for and remove contact lenses, if found. Continue to flush eyes under clean clear running water for 15 minutes while holding eyes open. Lift eyelids periodically when rinsing. If irritation persists, seek medical attention.

Ingestion

Rinse mouth out with water. Do not swallow rinse. Give two glasses of water for dilution. DO NOT induce vomiting. Never give anything by mouth to an unconscious person; seek medical attention.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2 and/or Section 11.

SECTION 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Use NFPA Class B Fire Extinguishers; carbon dioxide, all purpose dry chemical, water, water fog, or chemical foam; polymer foam is preferred for large fires. Product is not considered flammable or combustible by WHMIS/OSHA criteria.

Hazards Developed due to Fire

None known

Advice for Firefighters

Firefighters should wear self-contained breathing apparatus. Floor may become slippery if material is released, caution is advised.

SECTION 6: Accidental Release Measures**Personal Protective Equipment**

Use protective equipment; gloves, eye protection, and shoe covers.

Emergency Procedures

Protect area from further release of spread. This product does not pose any threat to area personnel.

Material Containment

Prevent further spread of product to surrounding area(s), including into drains.

Clean-up Procedures

Use absorbent materials to mop up spill. Allow product in absorbent materials to dry before disposal into standard trash. Do not dispose of liquid material into standard trash. Clean mop area with appropriate cleaning chemical after spill is removed.

SECTION 7: Handling and Storage**Precautions for Handling**

Avoid contact with skin and eyes. Do not swallow. Handle container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. See Section 2 for precautions.

Safe Storage

Do not store in extremely high temperatures, above 115°F (46°C). Do not store in area below 32°F (0°C). Keep out of the reach of children. Keep container tightly closed. Keep away from food, drink animal feeding stuffs. Protect containers from abuse.

SECTION 8: Exposure Controls / Personal Protection**Exposure Limits - Components with Workplace Control Parameters**

Substance	Results	ACGIH	NIOSH	OSHA
None reportable or No Parameters Established	STELs			
	TWAs			
	TLV			

Key to Abbreviations:

STEL= Short Term Exposure Limits based on 15-minute exposures

TWA= Time-Weighted Average based on 8h/day, 40h/week

ACGIH= American Conference of Government Industrial Hygiene

NIOSH= National Institute of Occupational Safety and Health

OSHA= Occupational Safety and Health Administration

TLV= Total Limit Volume

Engineering Controls

Handle and apply / use product in a work area that has positive and / or air flow. Avoid unventilated areas. Use fans when necessary.

Personal Protective Measures**Eye/Face Protection**

Use ANSI, NIOSH or European Standard EN166 approved safety glasses.

Skin Protection:

Impervious gloves recommended for general protection. Nitrile gloves are appropriate.

Respiratory Protection:

Not required

General Hygiene Considerations:

Handle according to established industrial hygiene and safety practices. Avoid contact with eyes and skin. Thoroughly wash after handling and before eating or drinking. There are no known hazards associated with this material when used as recommended.

SECTION 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Milky White
Viscosity:	Not Determined
Solubility:	Soluble in water
Specific Gravity:	1.02-1.03
Volume Solids (theoretical):	26% ± 1
Odor:	Mild
Odor Threshold:	Non-Determined
Vapor Pressure (mmHg):	Not Established
Vapor Density (Air=1)	Heavier than Air
pH :	7.7-8.5
Melting Point:	Not Determined
Freezing Point:	32F
Boiling Point and Range:	Not Established
Flashpoint:	Not Established
Evaporation Rate:	Not Established
Flammability (solid, gas):	Non-Flammable
Upper / Lower Flammability Rate:	Not Applicable
Auto-Ignition Temperature:	Not Applicable
Partition Coefficient (n-octanol/water):	Not Established
Decomposition Temperature:	Not Established
Volatile Organic Compounds g/l:	<50g/l
Volatile Organic Compounds % :	<1% by volume

Architectural Rule 1113

Consumer Goods Regulations

SECTION 10: Stability and Reactivity

Reactivity:	Not Reactive
Chemical Stability:	Stable. No known instability under normal storage conditions.
Other:	

Hazardous Decomposition or By-Products

Decomposition will not occur if handled and stored properly. In case of a fire, carbon dioxide and carbon monoxide and smoke may be produced.

Possible Hazardous Reactions:

None Known

Conditions to avoid

Extreme temperatures will cause shortened shelf life of product.

Incompatible Materials

Non-water miscible substances.

SECTION 11: Toxicological Information

Acute Toxicity

Substance	LC50 - Inhalation	LD50 - ORAL	LD50 - DERMAL	Eye Irritation	Reproductive
None					

Chronic Effects

Substance	/ Irritation	Damage	Target Organs	Carcinogen
None				

Carcinogenicity

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12: Ecological Information

Aquatic and or Terrestrial Organism Tests Toxicity Tests

Substance	Test	Species	Results
None			

Persistence and Degradability - Not Biodegradability

Substance	Test	Type	Duration or Dose	Result	Sample
No data available					

Bioaccumulative Potential - According to data on the substances, not potentially Bioaccumulative

No data available

Potential to Move from Soil to Groundwater

No data available

Other Adverse Effects

Substance	Test	Type	Results	Organism Tested	Reference for Ecological Effect
No data available					

Other Information:

This product is classified as: No known harmful to organisms, may cause long-term adverse effects in the aquatic environment

SECTION 13: Disposal Considerations

All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Waste compliance with applicable laws are the responsibility solely of the waste generator. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Dispose of liquid surplus product via a licensed waste disposal contactor. Do not dispose of liquid product in landfill. See Section 8 for information on appropriate personal protective equipment.

SECTION 14: Transport Information

DOT (US) Not regulated as a dangerous goods

TGA Classification	Not regulated as a dangerous goods
Mexico Classification	Not regulated as a dangerous goods
IMDG-Code	Not regulated as a dangerous goods
IATA-DGR	Not regulated as a dangerous goods
49 CFR	Not regulated as a dangerous goods

SECTION 15: Regulatory Information**US Federal Regulations**

OSHA Hazard Communication Standard (CFR29 1910.1200) NOT Hazardous Chemical

CERCLA - Comprehensive Response Compensation and Liability Act: None

California Proposition 65: This product contains less than 0.001% of a chemical known to the State of California to cause cancer,

TSCA - Toxic Substances Control Act: All components of this product and on the TSCA Inventory or are exempt from TSCA Inventory

USA - Clean Air Act**Superfund Amendments and Reauthorization Act of 1986 Title III**

SARA Section	313	302	311/312
None			

State Right-to-Know:

Substance	CAS	Massachusetts	New Jersey	Pennsylvania
None				

California Proposition 65

WARNING! This product contains a chemical known to the State of California to cause cancer.

None known

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

None known

SECTION 16: Other Information

Date of Original June 6, 2024

Revision Date**Reason for Revision****Notice to the Reader**

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third party/persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.