

1. IDENTIFICATION

TuffGRIP Unlimited - Unlimited Moisture Vapor Barrier, Wood Adhesive

Recommended use of the chemical and restriction on use: glue- down installation of flooring materials over approved subfloor - **WOOD:** Acrylic Infused Plank, Bamboo, **Cork** (flooring, cork-backed hard surface, underlayment) **Hardwood** (engineered, parquet, solid) **RESILIENT: Rubber** (crumb) .

Details of the Supplier of the Safety Data Sheet Company:

National Flooring Products, 1975 East Locust Street, Ontario, CA

Emergency Telephone Number: (800) 535-5053

Other Means of Identification

Chemical Family: Modified Silane blend

2. HAZARDS IDENTIFICATION

According to regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

Classification of the Product

No need for classification according to GHS criteria for this product.

Label Elements

This product does not require a hazard warning label in accordance with GHS criteria.

Hazards Not Otherwise Classified

None known if used according to instructions. Irritation may occur when in contact with eyes and skin.

Labeling of Special Preparations (GHS)

None required.

According to Regulation 1994 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

Emergency Overview - Caution

May cause skin irritation if not removed after skin contact.

Use with Use with local exhaust ventilation.

Use protective equipment for eyes, skin protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

According to Regulation 1994 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

This product does not contain any components classified as hazardous under the referenced regulation.

4. FIRST AID MEASURES

CAS NUMBER	CONTENT	CHEMICAL NAME
Trade Secret	0 - 5	Organosilane

Description of First Aid Measures

General Advice: Upon contact, remove material from skin, eyes, and clothing. If irritation persists, seek medical attention.

If Inhaled: Remove individual to fresh air if needed.

If on Skin: Wash with mild soap and water.

If in Eyes: Open eyelids and flush with running water for at least 15 minutes.

If Swallowed: Do not induce vomiting. Seek medical help immediately.

Most Important Symptoms and Effects, Both Acute and Delayed: None expected due to non-classification of the product.

Indication of Any Immediate Medical Attention and Special

Treatment Needed: Note to physician - Symptomatic Treatment

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Use water spray, foam, dry powder when needed.

Special Hazards Arising from the Substance or Mixture

Material is a mixture of organic compounds. Compounds of carbon may arise during burning.

Advice for fire-fighters: Wear self-contained breathing apparatus and turn out gear. Use water to keep the containers cool.

Further Information

Dispose debris and contaminated clothing in accordance with regulations.

6. ACCIDENTAL RELEASE MEASURES

Further Accidental Release Measures: Slip hazard when spilled.

Personal Precautions, Protective Equipment, and Emergency

Procedures: Use personal protective clothing. Avoid contact with skin and eyes.

Environmental Precautions: Do not release spilled material into natural waters.

Methods and Material for Containment and Cleaning Up:

Remove material using absorbents. Scrape off excess and place in closed DOT approved containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not puncture. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities

Keep from freezing. Avoid extreme temperatures.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Advice on System Design: Maintain proper ventilation.

Personal Protective Equipment

Respiratory Protection: NIOSH respirator if needed. Use local exhaust ventilation. Do not use closed air-circulating system.

Skin Protection: Chemical resistant gloves, apron, coveralls, and boots to prevent unnecessary contact.

Eye Protection: Safety glasses, goggles, or face shield

General Safety and Hygiene Safety Measures:

Wash hands and/or face after use. Launder contaminated clothing before re-use. Always use protective equipment to avoid direct contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Medium viscosity liquid

Odor: Mild

Odor Threshold: No data

Color: Off white

pH Value: Not applicable

Melting Point: Not applicable

Boiling Point: No data

Flash Point: Not applicable

Flammability: Non-flammable

Lower Explosion Limit: Not applicable

Upper Explosion Limit: Not applicable

Vapor Pressure: Low

Density: Not determined

Relative Density: Not determined

Vapor Density: Low

Partition Coefficient n-octanol/water (log Pow): No data

Self-Ignition Temperature: Not Applicable

Solubility in Water: Insoluble

Miscibility in Water: Not miscible

Evaporation Rate: Low

Other Information: Moisture cure product. Product will start curing in the presence of moisture.

VOC Content: = < 0.1 g/L

10. STABILITY AND REACTIVITY

Reactivity: Stable

Chemical Stability: Stable

Possibility of Hazardous Reactions: None, product is stable.

Conditions to avoid: Extreme temperatures

Incompatible Materials: Water. Product is a moisture curing material.

Hazardous Decomposition Products: None known

11. TOXICOLOGICAL INFORMATION

No Data Available

Primary routes of exposure: Respiratory, eyes, skin. Ingestion is not likely but might cause gastric disturbances.

Acute Toxicity/Effects

Acute Toxicity: May cause irritation upon contact.

Organosilane	
LD50 Oral Rat	7120 – 7236 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 Dermal Rat	≥ 3400 mg/kg
LD50 Dermal Rabbit	3259 – 3880 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Female, Converted value, Dermal, 14 day(s))
LC50 Inhalation - Rat	16.8 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))

Chronic Toxicity Effects

Repeated Dose Toxicity: No data available

Genetic Toxicity: No data available

Carcinogenicity: Not carcinogenic

Reproductive Toxicity: No data available

Teratogenicity: No data available

Experiences in Humans: No data available

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Abide by all state, federal, and local regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not applicable

Proper Hazard Class: Not hazardous

Hazard Code: None hazardous

Bill of Lading Description: Adhesives, NOI

15. REGULATORY INFORMATION

Federal Regulations

Registration Status:

TSCA: Chemicals contained in the product are either listed or exempt in the U.S. EPA TSCA inventory list.

SARA Title III, Section 312 Hazard Class: None

EPA SARA Title III Section 312: None

State Regulations

NFPA Hazard Codes:

Health: 1 Fire: 0

Reactivity: 0 Special:

HMIS rating:

Health: 1 Flammability: 0

Physical Hazard: 0

16. OTHER INFORMATION

SDS prepared for: National Flooring Products

SDS prepared on: February 09, 2023

Revision Date: 02-09-23

Version Number: 1

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