

## 1. IDENTIFICATION

**Gerfix 100 Hard-Set Adhesive with No Moisture Testing Required**

Recommended use of the chemical and restriction on use: Moisture barrier adhesive for installation of flooring materials over approved subfloor -

**RESILIENT:** Gerflor DLW Linoleum, Gerflor commercial homogeneous and heterogeneous sheet products, Gerflor LVT, Gerflor Taraflex and Recreation, Gerflor Vinyl Bleacherblok.

**Details of the Supplier of the Safety Data Sheet Company:** Gerflor USA, 750 Veterans Parkway, Bolingbrook, IL 60440, USA, (877) 437-3567

**Emergency Telephone Number:** (800) 535-5053

**Revision Date:** June 2022

**Version Number:** 1.0

**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.

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

| CAS NUMBER   | CONTENT | CHEMICAL NAME |
|--------------|---------|---------------|
| Trade Secret | 0 - 5   | Organosilane  |

## 4. FIRST AID MEASURES

**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:** Not 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**

None needed in wet state. Product is water based. Dry material will burn. 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.

**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 face after use. Launder contaminated clothing before re-use. Always use protective equipment to avoid direct contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Low 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

## 2. 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 by:** Gerflor USA

**SDS prepared on:** June 30, 2022

Gerflor USA believes the data set forth herein is accurate as of the date hereof. Gerflor USA makes no warranty with respect hereto and expressly disclaims all liability of reliance thereon. All data is offered solely for consideration, investigation, and verification.