

SAFETY DATA SHEET:

SIGNATURE 3100 PREMIUM HIGH MOISTURE

CARPET TILE & LVT

IDENTIFICATION:

Signature 3100 Premium Pressure Sensitive Adhesive Recommended use of the chemical and restriction on use: Moisture barrier adhesive for installation of flooring materials over approved subfloor –all types of resilient flooring including vinyl – LVT and Carpet Tile, rubber, fiberglass and polyolefin backed flooring.

Company: Signature, 2222 S Hamilton Street, Dalton, GA 30721, USA, (706) 270-5799

Emergency Telephone Number: (800) 809-7086

Other Means of Identification: Modified Silane Blend

Chemical Family: Acrylate latex and resin blend

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 local exhaust ventilation. Use protective equipment for eyes and skin.

COMPOSITION / INFORMATION ON INGREDIENTS:

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



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

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

CAS #	Content	Chemical Name
Trade Secret	35-55	Silylated Polyurethane Resin
Trade Secret	1-5	Plasticizer
1317-65-3	30-40	Calcium Carbonate
Trade Secret	1-5	Additives
25322-69-4	10-20	Polypropylene glycol

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 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

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.

Further Information: Dispose debris and contaminated clothing in accordance with regulations.

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: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations. Spills should be contained, solidified, and placed in suitable containers for disposal.

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.

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.

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: 8.40 - 8.70 lbs. per gal.

Relative Density: 1.01 - 1.04 gram/cm³

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

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

TOXICOLOGICAL INFORMATION:

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.

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

Other Information:

ECOLOGICAL INFORMATION:

No data available

DISPOSAL CONSIDERATIONS:

Abide by all state, federal, and local regulations

TRANSPORTATION INFORMATION:

Proper Shipping Name: Not applicable

Proper Hazard Class: Not hazardous

Hazard Code: None

Bill of Lading Description: Adhesives, NOI

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

TRANSPORTATION INFORMATION:

SDS prepared for: Signature Flooring

SDS Prepared on: February 13th, 2025

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



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