



Safety Data Sheet

S-599 ChoiceStrong™

Commercial Vinyl Sheet & Residential LVT Adhesive

Revision date: April 11, 2017

Version: 2

1. Identification

S-599 Vinyl Sheet Adhesive

Recommended use of the chemical and restriction on use: interior installation of flooring material over approved subfloors – vinyl backed carpet, vinyl backed broadloom carpet and modular tiles.

Details of the supplier of the safety data sheet

Company:

Armstrong Flooring, Inc.
2500 Columbia Ave.
Lancaster, PA 17603, USA

Telephone number: (800) 233-3823

Emergency Telephone Number: 1-800-255-3924 or +01-813-248-0585 (call collect)

Other Means of Identification

Chemical Family: Acrylate latex and resin 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.

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

<u>CAS number</u>	<u>Content</u>	<u>Chemical Name</u>
Trade Secret	1-10	Tackifier resin
Trade Secret	40-60	Acrylic latex
7732-18-5	15-30	Water

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

Treatment: 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: medium viscosity liquid

Odor: mild

Odor threshold: no data

Color: off white to cream

pH value: 8.5 – 9.0

Melting point: not applicable

Boiling point: similar to water

Flash point: not applicable

Flammability: none flammable

Lower Explosion Limit: low

Upper Explosion Limit: low

Vapor Pressure: low

Density: 7.95 – 8.45 lbs. per gallon

Relative density: 0.95– 1.01 grams / cm³

Vapor density: low

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

Self- ignition temperature: not applicable

Solubility in water: limited

Miscibility in water: miscible

Evaporation rate: same as water

Other information:

10. Stability and Reactivity

Reactivity: Stable

Chemical stability: Stable

Possibility of hazardous reactions: None, product is stable.

Conditions to avoid: Extreme temperatures.

Incompatible materials: None known

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.

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

Other Information

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

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: Armstrong Flooring, Inc.

SDS revised on: April 11, 2017

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