1. Identification

**S-288 Flooring Adhesive**

Recommended use of the chemical and restriction on use: installation of flooring material over approved subfloors – Luxury vinyl tile and plank, vinyl composition tile, homogeneous vinyl sheet goods, rubber tile and sheet goods over porous and non-porous floors.

**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

**Other Means of Identification**
Chemical Family: Synthetic latex and Hydrocarbon resin blend
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):**
Product contains the following components and may cause allergic skin reactions: mixture of 1,2 Benzisothiazolin-3-one, 5 chloro-2-methyl-4- isothiazolin-3-one and 2 methyl-4 isothiazol-3-one
Low concentration of mentioned chemicals in the product is not expected to cause irritation.


**Emergency Overview**

Caution:
May cause skin irritation if not removed after skin contact.
Use with local exhaust ventilation.
Use protective equipment for eyes, skin protection.

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3. **Composition / Information on Ingredients**


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


<table>
<thead>
<tr>
<th>CAS number</th>
<th>Content</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary</td>
<td>5 – 10</td>
<td>Modified Oil</td>
</tr>
<tr>
<td>7732-18-5</td>
<td>10 – 20</td>
<td>Water</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>40 – 50</td>
<td>Acrylic Latex</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>10 – 20</td>
<td>Hydrocarbon resin</td>
</tr>
</tbody>
</table>
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
None expected due to non classification of the product.

Indication of any immediate medical attention and special treatment needed

Note to physician
Treatment: Treat symptoms accordingly

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 to medium viscosity liquid
Odor: mild
Odor threshold: no data
Color: cream
pH value: 9.0 – 9.5
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: 7.75 – 8.25 lbs. per gallon
Relative density: 0.93 – 0.99 g/cm³
Vapor density: low
Partition Coefficient n-octanol /water (log Pow): no data
Self ignition temperature: not applicable
Viscosity, dynamic: 50,000 – 62,500 cps
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

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:

CA Prop 65: 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 prepared on: May 22, 2016

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