

# Safety Data Sheet

## 1. Product and Company Identification

**Product Name:** Aussie Shield 300-PLF (Permeable Liquid Flashing)

**Product Use:** Adhesive and sealant  
**Uses Advised Against:** None known.

**Manufacturer:** AVM Industries, Inc.  
8245 Remmet Ave, Canoga Park CA 91304-4133  
www.avmindustries.com

**Information Phone Number:** (818) 888-0050  
**Emergency Phone Number:** Chemtrec 800-424-9300

**SDS Date of Preparation:** June 7, 2024

## 2. Hazards Identification

**GHS Classification:**

Physical:	Health:
Not Hazardous	Skin Sensitizer Category 1 Reproductive Toxicity Category 1B

**GHS Label Elements:**

**Danger!**



H317 May cause an allergic skin reaction.  
H360 May damage fertility or the unborn child.

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust or vapors.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves, protective clothing, and eye protection.  
P308 + P313 IF exposed or concerned: Get medical attention.  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P333 + P313 If skin irritation or rash occurs: Get medical attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P405 Store locked up.  
P501 Dispose of contents and container in accordance with local and national regulations.

**Hazards not otherwise specified:** None.

## 3. Composition/Information on Ingredients

Component	CAS No.	Amount
Limestone	1317-65-3	30-60%
Calcium Carbonate	471-34-1	1-5%

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Titanium Dioxide*	13463-67-7	1-5%
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	1760-24-3	0.1-<1%
Dibutyltin bis(acetylacetonate)	22673-19-4	0.1-<1%
Crystalline Silica*	14808-60-7	0.1-<1%

\*The Crystalline Silica, and Titanium Dioxide in this product are inextricably bound in the polymer matrix in a manner that no exposure occurs during normal use and handling. Therefore, this product is not classified as a carcinogen.

**The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.**

## 4. First Aid Measures

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Skin Contact:** Remove contaminated clothing. Wash the contact area thoroughly with soap and water for several minutes. Get medical attention if irritation or rash occurs. Launder clothing before re-use.

**Eye Contact:** Flush eyes thoroughly with large quantities of water for several minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses if present and easy to do and continue rinsing. Get medical attention if irritation occurs and persists.

**Ingestion:** Wash mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

**Most Important Symptoms:** Direct contact with eyes may cause eye irritation. May cause skin sensitization. Inhalation of dust from dried paste may cause irritation to mucous membranes and respiratory tract. This product contains Dibutyltin bis(acetylacetonate) which may cause reproductive harm.

**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical attention is generally not required.

## 5. Firefighting Measures

**Suitable (and Unsuitable) Extinguishing Media:** Use any extinguishing media that is appropriate for the surrounding fire.

**Specific Hazards Arising from the Chemical:** Product is not flammable, combustible, or explosive.

**Special Fire Fighting Procedures:** Use measures appropriate for the fire situation. Cool fire exposed containers with water.

## 6: Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective clothing and respiratory protection (see Section 8). Avoid breathing dust from dried product.

**Methods and Materials for Containment and Clean-Up:** Cover with an inert absorbent material and collect into an appropriate container for disposal.

**Environmental Precautions:** Report spills and releases as required to appropriate authorities.

## 7. Handling and Storage

**Precautions for Safe Handling:** Use with adequate ventilation. Avoid inhalation of dust or vapor. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing. Avoid unnecessary contact with the product. Use appropriate protective clothing and equipment. Wash thoroughly after handling. Remove

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contaminated clothing and launder before re-use. Do not eat, drink, or smoke in the work area. Keep containers closed when not in use.

Empty containers may contain product residue and may be hazardous. Follow all SDS precautions in handling empty containers.

**Conditions for Safe Storage, Including any Incompatibilities:** Store locked up. Store in cool, dry area. Keep containers closed. Store away from strong acids, bases, oxidizers, and moisture.

## 8. Exposure Controls / Personal Protection

### Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Limestone (Calcium carbonate)	15 mg/m <sup>3</sup> TWA OSHA PEL (Total dust) 5 mg/m <sup>3</sup> TWA OSHA PEL (Respirable fraction)
Calcium Carbonate	15 mg/m <sup>3</sup> TWA OSHA PEL (Total dust) 5 mg/m <sup>3</sup> TWA OSHA PEL (Respirable fraction)
Titanium Dioxide*	0.2 mg/m <sup>3</sup> TWA ACGIH TLV (Respirable) nanoscale 2.5 mg/m <sup>3</sup> TWA ACGIH TLV (Respirable) finescale 15 mg/m <sup>3</sup> TWA (Total dust) OSHA PEL
N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine	None Established
Dibutyltin bis(acetylacetonate) (as Tin, organic compounds, as Sn)	0.1 mg/m <sup>3</sup> TWA, 0.2 mg/m <sup>3</sup> STEL ACGIH TLV (skin) 0.1 mg/m <sup>3</sup> TWA OSHA PEL
Crystalline Silica*	0.025 mg/m <sup>3</sup> TWA, ACGIH TLV 0.05 mg/m <sup>3</sup> TWA OSHA PEL

\*The Crystalline Silica, and Titanium Dioxide in this product are inextricably bound in the polymer matrix in a manner that no exposure occurs during normal use and handling. Therefore, this product is not classified as a carcinogen

**Appropriate Engineering Controls:** Use adequate general or local exhaust ventilation to maintain exposures below applicable occupational exposure limits.

### Personal Protective Equipment

**Respiratory Protection:** In operations where the occupational exposure limits are exceeded or exposure levels are excessive, an approved respirator with applicable cartridges or supplied air respirator should be used. Respirator selection and use should be based on contaminant type, form, and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Gloves:** Wear impervious gloves to avoid skin contact.

**Eye Protection:** Safety goggles or safety glasses with side shields are recommended.

**Other Protective Equipment/Clothing:** Wear protective clothing as needed to avoid skin contact and contamination of personal clothing.

## 9. Physical and Chemical Properties

**Appearance and Odor:** Colored Paste. Odorless.

<b>Physical State:</b> Solid	<b>Odor Threshold:</b> Not applicable
<b>pH:</b> Not applicable	<b>Specific Gravity:</b> Not determined
<b>Initial Boiling Point/Range:</b> Not applicable	<b>Vapor Pressure:</b> Not determined
<b>Melting/Freezing Point:</b> Not applicable	<b>Vapor Density:</b> Not applicable
<b>Solubility In Water:</b> Not determined	<b>Percent Volatile:</b> <3%
<b>Viscosity:</b> Not applicable	<b>Evaporation Rate:</b> Not determined

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<b>Relative Density:</b> 1.6 – 1.7	<b>VOC Content:</b> <20 g/L / 2%
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>Autoignition Temp:</b> Not determined
<b>Flash Point:</b> 140 °C / 284 °F	<b>Flammability (solid, gas):</b> Not applicable
<b>Flammability Limits:</b> Not applicable	<b>Decomposition Temperature:</b> Not applicable
<b>Particle Characteristics:</b> Not determined	

## 10. Stability and Reactivity

**Reactivity:** Product cures with moisture.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous reactions will not occur under normal conditions of storage and use.

**Conditions to Avoid:** Open flames. Unintentional exposure to moisture.

**Incompatible Materials:** Strong oxidizers, strong acids, and bases. Moisture.

**Hazardous Decomposition Products:** Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and are released upon curing.

## 11. Toxicological Information

### Potential Health Effects:

#### **Acute Hazards:**

**Inhalation:** Inhalation of dust from dried paste may cause mucous membrane and respiratory irritation.

**Skin Contact:** Direct contact may cause an allergic skin reaction (sensitization).

**Eye Contact:** Direct contact with eyes may cause irritation.

**Ingestion:** May cause irritation and discomfort to the digestive tract.

**Chronic Effects:** None known.

**Carcinogenicity:** Not classified. Titanium Dioxide is listed as Possibly Carcinogenic to Humans (Group 2B) by IARC. Crystalline Silica is listed as Carcinogenic to Humans (Group 1) by IARC, Known to Be a Human Carcinogen by NTP, and as a Carcinogen by OSHA. Titanium dioxide, and Crystalline Silica only presents a risk of cancer by inhalation of very fine dust. In this product, the Titanium dioxide and Crystalline Silica are incorporated into the polymer matrix and are not present as respirable dust. There is no exposure to respirable dust in the normal use of this product. None of the other components are listed as a carcinogen by IARC, NTP, ACGIH or OSHA.

**Reproductive Toxicity:** This product contains Dibutyltin bis(acetylacetonate) which may cause reproductive harm.

**Germ Cell Mutagenicity:** Not classified.

### Numerical Measures of Toxicity:

Product ATE: 6,434.80 mg/kg (Oral), 2,064.40 mg/kg (skin), 213.40 mg/L (Inhalation, vapor), 99,999 mg/L (Inhalation, as dust/mist)

N-[3-(Trimethoxysilyl)propyl]-1,2-ethanediamine:

Dibutyltin Bis(acetylacetonate): LD50: Oral rat 1,864 mg/kg, LD50: Dermal rat >2,000 mg/kg.

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## 12. Ecological Information

### Ecotoxicity:

Dibutyltin Bis(acetylacetonate): 96 hr LC50 Oryzias Latipes- >2 mg/L, 48 hr EC50 Daphnia magna-0.0036 mg/L, 72 hr EC50 Desmodesmus subspicatus- >2 mg/L.

This product is expected to be harmful to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

**Persistence and Degradability:** Dibutyltin Bis(acetylacetonate) is not readily biodegradable.

**Bio accumulative Potential:** Not expected to be bio accumulative.

**Mobility in Soil:** No data available.

**Other Adverse Effects:** No data available.

## 13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

## 14. Transport Information

**DOT Hazardous Materials Description:** Not regulated.

**IMDG Dangerous Goods Description:** Not regulated.

**IATA Dangerous Goods Description:** Not regulated.

**Transport in Bulk According to IMO Instruments:** Not applicable.

**Special Precautions for User:** Not applicable

## 15. Regulatory Information


### United States:

**EPA TSCA INVENTORY:** All the components in this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

**CERCLA Section 103:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA Hazard Category (311/312):** Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

**California Proposition 65:**  **WARNING:** This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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## 16. Other Information

DATE OF CURRENT REVISION: June 7, 2024  
REVISION SUMMARY: New SDS  
DATE OF PREVIOUS REVISION: N/A

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