

Safety Data Sheet

1. Product and Company Identification

Product Name: Aussie Shield 300-PLM (Permeable Liquid Membrane)

Product Use: Sealant and adhesive

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 24, 2024

2. Hazards Identification

GHS Classification:

Physical:	Health:
Not Hazardous	Not Hazardous

GHS Label Elements: None.

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%
Titanium Dioxide*	13463-67-7	1-<5%

*Titanium Dioxide in this product is inextricably bound 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: Wash skin with soap and water. Get medical attention if irritation develops.

Eye Contact: Flush eyes thoroughly with water, while holding the eye lids open. Remove contact lenses if present and easy to do and continue rinsing. Get medical attention if irritation persists.

Ingestion: Wash mouth with water. Seek medical attention if you feel unwell.

Most Important Symptoms: None expected with normal use. May cause slight irritation to eyes, skin, or respiratory tract. May cause irritation and discomfort to the digestive tract.

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

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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.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate protective clothing. Do not touch or walk through spilled material.

Methods and Materials for Containment and Clean-Up: Take up with an 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 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 in cool, dry area. Keep containers closed. Store away from strong acids, bases, oxidizers, and moisture. Keep at temperatures between 50 and 95 °F / 10 and 35 °C.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Limestone (Calcium carbonate)	15 mg/m ³ TWA OSHA PEL (Total dust) 5 mg/m ³ TWA OSHA PEL (Respirable fraction)
Calcium Carbonate	15 mg/m ³ TWA OSHA PEL (Total dust) 5 mg/m ³ TWA OSHA PEL (Respirable fraction)
Titanium Dioxide*	0.2 mg/m ³ TWA ACGIH TLV (Respirable) nanoscale 2.5 mg/m ³ TWA ACGIH TLV (Respirable) finescale 15 mg/m ³ TWA (Total dust) OSHA PEL

*Titanium Dioxide in this product is inextricably bound in a manner that no exposure occurs during normal use and handling.

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation.

Personal Protective Equipment

Respiratory Protection: None required for normal use. 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.

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Gloves: None required for normal use. Impervious gloves recommended as needed to avoid prolonged contact.

Eye Protection: None required for normal use. Safety glasses with side shields are recommended.

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

9. Physical and Chemical Properties

Appearance and Color: White solid.

Physical State: Solid	Odor: None
pH: Not applicable	Specific Gravity: Not applicable
Initial Boiling Point/Range: Not applicable	Vapor Pressure: Not applicable
Melting/Freezing Point: Not applicable	Relative Vapor Density: Not applicable
Solubility In Water: Not determined	Percent Volatile: Not determined
Kinematic Viscosity: Not applicable	Evaporation Rate: Not determined
Relative Density: 1.44	VOC Content: Not determined
Coefficient Of Water/Oil Distribution: Not determined	Autoignition Temp: Not applicable
Flash Point: Not applicable	Flammability (solid, gas): Not applicable
Flammability Limits: Not applicable	Decomposition Temperature: Not determined
Particle Characteristics: 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 may cause slight irritation to mucous membranes and respiratory tract.

Skin Contact: May cause slight irritation.

Eye Contact: By analogy to another tested similar product: No irritation after contact to the eyes.

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. Titanium dioxide only presents a risk of cancer by inhalation of very fine dust. In this product, the Titanium dioxide is 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: Not classified.

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Germ Cell Mutagenicity: Not classified.

Numerical Measures of Toxicity:

Product components are not acutely toxic.

12. Ecological Information

Ecotoxicity:

This product is not classified as harmful to the aquatic environment. However, this does not exclude the possibility that a large spill could have an adverse effect on the environment.

Persistence and Degradability: No data available.

Bio accumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. Disposal Considerations

Dispose of in accordance with all local, state, 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.

15. Regulatory Information


United States:

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

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.

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16. Other Information

DATE OF CURRENT REVISION: June 24, 2024
REVISION SUMMARY: New SDS
DATE OF PREVIOUS REVISION: N/A

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