

SAFETY DATA SHEET

Aussie Membrane (AVM System 500 & 502)

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Version no.: 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Aussie Membrane

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses of the mixture Waterproofing underground structures. Waterproofing basements & cellars. Waterproofing wet duty rooms.

Protection and dump proofing of underground concrete elements.
Waterproofing covered roofs and verandas.

1.3 Details of the supplier of the safety data sheet

AVM Industries, Inc.
8245 Remmet Ave
Canoga Park, Ca 91304
(818) 888-0050

E-mail address of person responsible for this SDS:

emergencies@avmindustries.com

1.4 Emergency telephone number

Emergency telephone number (with hours of operation):

8:00 AM – 5:00 PM 818-888-0050

After hours and weekends: (818) 424-0082 / (818) 456-9737

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to 29 CFR 1910.1200 (OSHA HCS): Not classified

Classification in accordance to Regulation (EC) No. 1272/2008 (CLP): Not classified

See section 16 for the full text of the H-statements declared above.

2.2 Label elements

Labelling according to 29 CFR 1910.1200 (OSHA HCS) Hazard pictogram(s): Not required

Signal word: Not required

Hazard statement(s): Not required

Precautionary Statement(s): Not required

Labelling in accordance with Regulation 1272/2008 (CLP) Hazard pictogram(s): Not required

Signal word: Not required

Hazard statement(s): Not required

Precautionary Statement(s): Not required

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2.3 Other hazard

Not available

SECTION 3: Composition/information on ingredients

3.1 Mixtures:

Ingredient name	Identifiers	%	CLP Classification	OSHA HCS
Bitumen (Residues (petroleum), vaccum)	CAS number: 64741-56-6 EC number: 265-057-8	30-40	Not classified	Not classified
Polychlorobutadiene	CAS number: 9010-98-4 EC number: N/A	10-20	Not classified	Not classified
Solvent naphtha (petroleum), heavy arom.	CAS number: 64742-94-5 EC number: 265-198-5	<1	Asp. Tox.1 H304	Asp. Tox.1 H304

See section 16 for the full text of the H-statements declared above.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eyes contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Take off contaminated clothing and shoes immediately unless stuck to the skin. Wash off with soap and plenty of water for at least 10 minutes. Get medical attention.

Inhalation: Remove the victim from site of exposure to fresh air. If breathing is difficult, give oxygen. If not breathing give artificial respiration. Get medical attention.

Ingestion: **Do not induce vomiting.** If victim is conscious, wash mouth thoroughly with plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 (Label elements) and/or section 11 (Toxicological information) for the most important known symptoms and effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not available

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable: Foam, carbon dioxide, dry powder.

Not suitable: Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Hydrogen chloride, hydrogen sulfide, oxides of sulfur and calcium, irritating and toxic gases.

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5.3 Advice for firefighters

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and self-contained breathing apparatus in positive pressure mode.

Move containers from fire area if possible without risk.

Water spray may be used to keep fire exposed containers cool.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Ventilate area of spill. Keep away from sources of ignition.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

6.4 Reference to other sections

See Section 1 for emergency contact information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid mechanical actions that can release respirable dust of crystalline silica. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Keep away from sources of ignition.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information measures.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Keep containers tightly closed, in dry, cool and well ventilated place.

Protect from direct sunlight and high temperature. Do not store together with strong oxidizing agents, acids.

In tropical climates the product must be stored in an air-conditioned environment.

In cold climates the product must be stored in heated environment over 50°F (10°C). Do not freeze. Shelf life is 12 months when stored as above.

SECTION 8: Exposure control/personal protection

8.1 Control parameters

N/A

8.2 Exposure controls

Engineering measures

Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Avoid mechanical actions that can release dust of crystalline silica.

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Person Protective measures

Respiratory protection: Mask and filter. Be sure to use an approved/certified equipment or equivalent equipment. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety glasses or goggles.

Skin protection: Wear appropriate long-sleeved clothing to minimize skin contact.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Brown paste

Odour: N/A

Odour threshold: N/A

pH: 8-11

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: Non flammable

Evaporation rate: N/A

Flammability: Non flammable

Upper/lower flammability or explosive limits: N/A

Vapor pressure: Practically non-volatile

Vapor density: N/A Relative

Density: N/A Solubility(ies):

Insoluble in water

Partition coefficient Octanol/Water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: 100°C

Viscosity: N/A

Explosive properties: N/A

Oxidizing properties: N/A

9.2 Other information

Density at 25°C: 1.15 (± 0.05) gr/cm³

SECTION 10: Stability and reactivity

10.1 Reactivity

Not available.

10.2 Chemical stability

The product is stable under normal handling and storage conditions described in Section 7.

10.3 Possibility of hazardous reactions

Hazardous reactions are not expected, under normal conditions of storage and use.

10.4 Conditions to avoid

Direct sunlight and high temperature.

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10.5 Incompatible materials

Strong oxidizing agents and acids.

10.6 Hazardous decomposition products

Other decomposition products: not available

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Product/ingredient name	Test	Species	Dose
Polychlorobutadiene	LD50, oral	Rat	> 40000 mg/kg
Solvent naphtha (petroleum), heavy arom.	LC50, Inhalation LD50, Administration onto the skin	Rat Rabbit	>590 mg/m ³ , 240 min >2 ml/kg

Skin corrosion/irritation: Not available Serious

eye damage/irritation: Not available

Respiratory or skin sensitization: Not available

Germ cell mutagenicity: Not available

Carcinogenicity: Not available.

Reproductive toxicity: Not available

Specific target organ toxicity (single exposure): Not available

Specific target organ toxicity (repeated exposure): Not available

Aspiration hazard: Not available

Other symptoms:

Potential acute health effects:

Inhalation: Inhaling steam in high concentration may have negative effect on respiratory system and lungs.

Ingestion: May cause irritation to mouth and digestion system.

Skin contact: May cause sensitization and irritation by skin contact.

Eyes contact: May cause irritation to eyes.

Other symptoms: Headaches, dizziness, vomiting and loss of concentration.

Repeated exposure may cause dermatitis and allergic reaction.

Chronic exposure may cause harm to respiratory system.

SECTION 12: Ecological information

12.1 Toxicity

Bitumen forms a layer when released in water and may be harmful to aquatic organisms.

12.2 Persistence and Degradability

Not available

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12.3 Bioaccumulative potential

The material is a soil and water sources pollutant.

12.4 Mobility in soil

Insoluble in water

12.5 Results of PBT and vPvB assessment

Not available

12.6 Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Packing

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1 Un number

ADR/RID: -

IMDG: -

IATA: -

DOT (US): -

14.2 UN proper shipping name

ADR/RID: Not regulated

IMDG: Not regulated

IATA: Not regulated

DOT (US): Not regulated

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

DOT (US): -

14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

DOT (US): -

14.5 Environmental hazard

ADR/RID: -

IMDG: -

IATA: -

DOT (US): -

14.6 Special precautions for user

Not available

14.7 Transport to bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

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SECTION 15: Regulatory information

This SDS complies with the following requirements of:
EU Regulation (EC) No.1907/2006 (REACH) including amendments
Regulation (EC) No.1272/2008 (CLP)
29 CFR 1910.1200 (OSHA HCS)
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

California Prop. 65 Components

This product may contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA inventory

Bitumen (Residues (petroleum), vaccum), CAS: 64741-56-6
Polychlorobutadiene, CAS: 9010-98-4
Solvent naphtha (petroleum), heavy arom., CAS: 64742-94-5

15.2 Chemical safety assessment

Not available.

SECTION 16: Other information

HMIS Rating

Health hazard: 1 Chronic Health Hazard: Flammability: 0 Physical Hazard 0

NFPA Rating

Health hazard: 1 Fire Hazard: 0 Reactivity Hazard: 0

Full text of Hazards Statements referred to in sections 2 and 3:

Asp. Tox. - Aspiration hazard
H304: May be fatal if swallowed and enters airways.

Training advice: Before using/handling the product one must read carefully present SDS.

Key Legend Information:

CAS- Chemical Abstract Service
ACGIH- American Conference of Governmental Industrial Hygienists
OSHA- Occupational Safety and Health Administration
NTP- National Toxicology program
IARC- International Agency for Research on Cancer
N/A- Not available
R-phrases- Risk phrases
H-statements- Hazard statements
TLV- Threshold Limit Value TWA-
Time-weighted average STEL-
Short-Term Exposure Limit
CSA- Chemical safety assessment