



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Complies with OSHA GHS Revision 7 of 2024.

Issuing Date 24-Jan-2025

Revision Date 24-Jan-2025

Version 1

## 1. Identification

### Product identifier

**Product Name** Solvent Spray Mastic Damp Proofing

### Other means of identification

**Product Code** AIM DP4

**Synonyms** SEALANT

### Recommended use of the chemical and restrictions on use

**Recommended Use** A liquid asphalt in a solvent system used for damp-proofing above and below grade exterior concrete and masonry walls and foundations that are thoroughly dry.

**Restrictions on use** For exterior use only. Do not use indoors.

### Details of the supplier of the safety data sheet

#### Supplier Address

#### Manufacturer Address

6505 W. Park Blvd; Suite 306-366; Plano, Texas 75093

### Emergency telephone number

**Company Phone Number** (214) 254-4720

**Emergency Telephone** Call CHEMTREC Day or Night:  
Within USA and Canada: 1-800 424-9300  
Outside USA and Canada: 1-703-527-3887

## 2. Hazard(s) identification

### Classification

Flammable liquids	Category 3
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration hazard	Category 1

### Hazards not otherwise classified (HNOC)

Not applicable.

### Label elements



Danger

**Hazard statements**

Flammable liquid and vapor.  
Causes damage to organs through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways.

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.

**Precautionary Statements - Response**

Get medical advice/attention if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical help.  
IF ON SKIN: Wash with plenty of water and soap.  
If skin irritation or rash occurs: Get medical help.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
If experiencing respiratory symptoms: Call a POISON CENTER or doctor.  
Do NOT induce vomiting.  
Rinse mouth.  
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Disposal should be in accordance with applicable local, regional, and national laws and regulations..

**Other Information**

No information available.

### 3. Composition/information on ingredients

**Substance****Mixture**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Common name** Solvent-based Damp Proofing.

**Synonyms** SEALANT.

**Chemical nature** Organic solvents and additives.

Chemical name	CAS No.	Weight-%	Trade secret
Asphalt (at Ambient Temperature)	8052-42-4	70-75	*
Mineral Spirits (with < 0.1% Benzene)	8052-41-3	20-25	*
Nonane	111-84-2	1-5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. First-aid measures

### Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth thoroughly with water. Do NOT induce vomiting. Get medical attention if symptoms occur. Not an expected route of exposure.
Self-protection of the first aider	First aider: Pay attention to self-protection.

### Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Effects of Exposure	Causes damage to organs through prolonged or repeated exposure.

### Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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## 5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Hazardous combustion products	Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment and precautions for fire-fighters	Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid breathing vapors or mists. Avoid contact with skin and eyes. Remove all sources of ignition.
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### Methods and material for containment and cleaning up

<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** No ACGIH or OSHA PEL is assigned to this mixture.

This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

Exposure limits for the component materials are shown below.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Asphalt (at Ambient Temperature) 8052-42-4	TWA: 0.5 mg/m <sup>3</sup> Benzene-soluble aerosol fume, inhalable particulate matter	-	Ceiling: 5 mg/m <sup>3</sup> fume 15 min
Mineral Spirits (with < 0.1% Benzene) 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Nonane 111-84-2	TWA: 200 ppm	(vacated) TWA: 200 ppm (vacated) TWA: 1050 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 1050 mg/m <sup>3</sup>

Chemical name	ACGIH
Asphalt (at Ambient Temperature) 8052-42-4	2.5 µg/L - urine (1-Hydroxypyrene with hydrolysis) - end of shift at end of workweek

### Appropriate engineering controls

**Engineering controls** None under normal use conditions.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes.

**Hand protection** Wear suitable gloves.

**Skin and body protection** Long sleeved clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Viscous
<b>Color</b>	Black
<b>Odor</b>	Solvent (Mineral Spirits)
<b>Odor threshold</b>	1-30 PPM. Odor thresholds vary greatly. Do not rely on odor threshold alone to determine potentially hazardous substances.

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not applicable	7.0
<b>pH (as aqueous solution)</b>		None known
<b>Melting point/freezing point</b>	None / -70 None / -94 °F	Melting Point is not applicable. Freezing points are shown.
<b>Boiling point / boiling range</b>	> 154 / 310 °F	
<b>Flash point</b>	> 40.5 / 105 °F	Setaflash
<b>Evaporation rate</b>	0.1	Butly acetate = 1
<b>Flammability (solid, gas)</b>		
<b>Flammability Limit in Air</b>		Flammable above 105 degrees F and 40.5 degrees C.
<b>Upper flammability limit:</b>	7.0	
<b>Lower flammability limit:</b>	1.6	
<b>Vapor pressure</b>	0.3 (kPa)	@ 20 °C
<b>Vapor density</b>	5.3	Where: Air = 1 at 68 degrees F (20 degrees C)
<b>Relative density</b>	0.98	Water = 1g/ml
<b>Water solubility</b>	No data available Insoluble	Reacts with water to form carbon dioxide
<b>Solubility(ies)</b>	No data available.	Insoluable
<b>Partition coefficient</b>	No data available.	No data available.
<b>Autoignition temperature</b>	330 / 626 °F	
<b>Decomposition temperature</b>		
<b>Kinematic viscosity</b>		
<b>Dynamic viscosity</b>	No data available.	@ 25 °C
<b>Other information</b>		
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	
<b>Softening point</b>	Not applicable	
<b>Molecular weight</b>	N/A	
<b>VOC Content (%)</b>	Less than 270 g/l.	
<b>Density</b>	8.0 to 8.4 lb/gal	
<b>Bulk density</b>	Not applicable	

## 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	None known based on information supplied.

**Incompatible materials** None known based on information supplied.

**Hazardous decomposition products** Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

## 11. Toxicological information

### Information on likely routes of exposure

**Product Information** The IARC Monograph (Vol. 103, 2013, Bitumen and Bitumen Emissions) defines Asphalt as 'Group 2B, Possible Carcinogen to Humans'. This definition is based on studies of exposure to Asphalt fumes at elevated temperatures. The Monograph states that temperature plays an important role in determining the degree of exposure and also the carcinogenic potential of bitumen emissions. This same Monograph states that Asphalt is non volatile at ambient temperature. There is no data presented in the Monograph to demonstrate that Asphalt at ambient temperature is considered a carcinogen. Since the normal use of this product is at ambient temperature, the Asphalt used in this product is not listed as a carcinogen. No other national or international agency has defined Asphalt as a carcinogen.

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Vapors may cause drowsiness and dizziness. Prolonged contact may cause redness and irritation.

### Acute toxicity

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### Numerical measures of toxicity

No information available

**ATEmix (oral)** 6,673.00 mg/kg

**ATEmix (dermal)** 2,669.00 mg/kg

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt (at Ambient Temperature) 8052-42-4	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 94.4 mg/m <sup>3</sup> ( Rat ) 4.5 h
Mineral Spirits (with < 0.1% Benzene) 8052-41-3	-	> 3000 mg/kg ( Rabbit )	> 5.5 mg/L ( Rat ) 4 h
Nonane 111-84-2	-	-	= 3200 ppm ( Rat ) 4 h

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Developmental Toxicity	None known for product as a whole.
Teratogenicity	None known.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.
Other adverse effects	N/A.
Interactive effects	No information available.

## 12. Ecological information

**Ecotoxicity** Toxicological testing has not been performed for this product overall. Available toxicological data for individual ingredients is summarized below.

**Persistence and degradability** N/A.

**Bioaccumulation** There is no data for this product.

Chemical name	Partition coefficient
Asphalt (at Ambient Temperature) 8052-42-4	6

**Other adverse effects** No information available.

## 13. Disposal considerations

### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations.

**Contaminated packaging** Do not reuse empty containers.

## 14. Transport information

<b>DOT</b>	Regulated UN 1993 DOT Ground: Not regulated if containers are less than 119 gallons (450 liters). DOT Ground: Regulated if shipped in containers >119 gallons (450 liters).
<b>Proper shipping name</b>	Combustible liquid, n.o.s (mineral spirits)
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>TDG</b>	Regulated
<b>UN/ID no.</b>	NA 1993
<b>Proper shipping name</b>	Combustible liquid, n.o.s (mineral spirits)
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>MEX</b>	Regulated
<b>UN/ID no.</b>	NA 1993
<b>Proper shipping name</b>	Combustible liquid, n.o.s. Aerosol
<b>ICAO (air)</b>	Regulated
<b>UN/ID no.</b>	1993
<b>IATA</b>	Regulated
<b>UN number or ID number</b>	1993
<b>IMDG</b>	Regulated
<b>UN number or ID number</b>	1993

## 15. Regulatory information

### International Inventories

<b>TSCA</b>	All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.
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Chemical name	CAS No.	Inventory Listing Status	Commercial Activity Designation
Asphalt (at Ambient Temperature)	8052-42-4	Present	Active
Mineral Spirits (with < 0.1% Benzene)	8052-41-3	Present	Active
Nonane	111-84-2	Present	Active
Trimethyl Benzene (mixed Isomers)	25551-13-7	Present	Active

<b>DSL/NDL</b>	All of the components of this product are listed on the DSL.
<b>EINECS/ELINCS</b>	All components are listed.
<b>TCSI</b>	Contact supplier for inventory compliance status.

#### Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances



**NZIoC** - New Zealand Inventory of Chemicals

**TCSI** - Taiwan Chemical Substance Inventory

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Asphalt (at Ambient Temperature) 8052-42-4	X	X	X
Mineral Spirits (with < 0.1% Benzene) 8052-41-3	X	X	X
Nonane 111-84-2	X	X	X
Trimethyl Benzene (mixed Isomers) 25551-13-7	X	X	X

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## **16. Other information**

#### **NFPA**

**Health hazards** 2

**Flammability** 2

**Instability** 0

**Special hazards** -

#### **HMIS**

**Health hazards** 2

**Flammability** 2

**Physical hazards** 0

**Personal protection** -

*Chronic Hazard Star Legend*

*\* = Chronic Health Hazard*

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Legend**

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitizers		

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

**Prepared By** AIM Administrative Services Department.

**Issuing Date** 24-Jan-2025

**Revision Date** 24-Jan-2025

**Revision Note** Revised to comply with OSHA GHS Revision 7 of 2024.

**Disclaimer**

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