



# 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 09-Jan-2025

Revision Date 24-Jan-2025

Version 1

## 1. Identification

### Product identifier

**Product Name** Solvent Semi Mastic Damp Proofing

### Other means of identification

**Product Code** AIM DP5

**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

American Industrial Manufacturers of Building Materials  
W. Park Blvd  
Suite 306-366  
Plano, Texas 75093  
(214) 254-4720

### 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
Carcinogenicity	Category 1A
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.  
May cause cancer.  
Causes damage to organs through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways.

**Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
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 container tightly closed.

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention.  
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 soap and water.  
If skin irritation occurs: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF INHALED: Call a POISON CENTER or doctor if you feel unwell.  
Do NOT induce vomiting.  
IF SWALLOWED: Call a POISON CENTER or doctor/physician 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	55-60	*

Mineral Spirits (with < 0.1% Benzene)	8052-41-3	20-25	*
Calcium Carbonate	1317-65-3	5-10	*
Hydrated Aluminum-Magnesium Silicate	12174-11-7	1-5	*
Cellulose Fiber	9004-34-6	1-5	*
Nonane	111-84-2	1-5	*
Quartz	14808-60-7	0.2-0.5	*

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

## 4. First-aid measures

### Description of first aid measures

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

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

<b>Symptoms</b>	May cause allergic skin reaction. May cause redness and tearing of the eyes. Vapors may cause drowsiness and dizziness.
<b>Effects of Exposure</b>	See Section 11 for additional Toxicological Information.

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

<b>Note to physicians</b>	Treat symptomatically.
---------------------------	------------------------

## 5. Fire-fighting measures

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

**For emergency responders** Remove all sources of ignition. Use personal protective equipment as required.

### Methods and material for containment and cleaning up

**Methods for containment** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** 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>
Calcium Carbonate 1317-65-3	-	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust

Hydrated Aluminum-Magnesium Silicate 12174-11-7	TWA: 1 mg/m <sup>3</sup> respirable particulate matter	-	-
Cellulose Fiber 9004-34-6	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) STEL: 10 mg/m <sup>3</sup>	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 1 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>
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

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** Appropriate hand protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

**Skin and body protection** Appropriate skin and body protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction.

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

## 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Keep away from open flames, hot surfaces and sources of ignition.
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.

Based upon the screening level assessment using testing data submitted by NPCA on the amounts of respirable silica produced from the normal use of interior flat latex paints, OEHHA has decided to issue a safe use determination to NPCA for crystalline silica (quartz) in interior latex paints.

The same method of encapsulation, as used for latex paints, is used for this product. Therefore, the crystalline silica (quartz) that is used in this product is not considered hazardous.

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

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

**Symptoms** No information available.

**Acute toxicity**

**Numerical measures of toxicity**

No information available

<b>ATEmix (oral)</b>	6,968.00 mg/kg
<b>ATEmix (dermal)</b>	2,787.00 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
Cellulose Fiber 9004-34-6	> 5 g/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5800 mg/m <sup>3</sup> ( 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**

<b>Skin corrosion/irritation</b>	No information available.
<b>Serious eye damage/eye irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.

**Carcinogenicity** No information available.

Chemical name	ACGIH	IARC	NTP	OSHA
Hydrated Aluminum-Magnesium	-	Group 2B	-	X

Silicate 12174-11-7				
Cellulose Fiber 9004-34-6	-	-	Known	-
Quartz 14808-60-7	A2	Group 1	Known	X

**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** None known for product as a whole.

**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 in accordance with Federal, State, and 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.
-------------	---

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
Calcium Carbonate	1317-65-3	Present	Active
Hydrated Aluminum-Magnesium Silicate	12174-11-7	-	Unknown *
Cellulose Fiber	9004-34-6	Present	Active
Nonane	111-84-2	Present	Active
Quartz	14808-60-7	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.

Chemical name	California Proposition 65
Hydrated Aluminum-Magnesium Silicate - 12174-11-7	Carcinogen
Cellulose Fiber - 9004-34-6	Carcinogen
Quartz - 14808-60-7	Carcinogen

### 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
Calcium Carbonate 1317-65-3	X	X	X
Cellulose Fiber 9004-34-6	X	X	X
Nonane 111-84-2	X	X	X
Quartz 14808-60-7	X	X	X

### U.S. EPA Label Information

**EPA Pesticide Registration Number** Not applicable

## 16. Other information

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Special hazards</b> -
<b>HMIS</b>	<b>Health hazards</b> 2	<b>Flammability</b> 2	<b>Physical hazards</b> 0	<b>Personal protection</b> -
<i>Chronic Hazard Star Legend</i> * = 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

<b>Prepared By</b>	AIM Administrative Services Department.
<b>Issuing Date</b>	09-Jan-2025
<b>Revision Date</b>	24-Jan-2025
<b>Revision Note</b>	Revised to comply with OSHA GHS Revision 7 of 2024.
<b>Disclaimer</b>	

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.