

AIRLUX

METAL CLAD

Material Safety Data Sheet

Issue Date 15-June-2024

Revision Date N/A

Version 1

1. IDENTIFICATION

Product Identifier

Product Name AIRLUX METAL CLAD IMPERMEABLE AIR VAPOR BARRIER

Other means of identification

Product Code AIRLUXMC100
Synonyms AIRLUX Metal Clad

Recommended use of the chemical and restrictions on use

Recommended Use Waterproofing Sealers
Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address	Manufacturer Address
MIDDLESEX BUILDING PRODUCTS 1635 Shawsheen Street Tewksbury, MA 01876 Website:	MIDDLESEX BUILDING PRODUCTS 1635 Shawsheen Street Tewksbury, MA 01876 Website:

Emergency Telephone Number

Company Phone Number (978) 528-7985

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

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Label Elements

Emergency Overview

Not classified

Hazard statements

None

Appearance: Solid Sheet

Physical State: Solid

Odor: Slight

Precautionary Statements – Prevention

Not Applicable

Precautionary Statements – Response

Not Applicable

Hazards not otherwise classified (HNOC)

Not Applicable

Other Information

Not Applicable

Unknown Acute Toxicity

35.64% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not Applicable

Mixture

This article does not contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Chemical Name	CAS No	Weight - %
Asphalt*	8052-42-4	60-100
Rubber Compounds*	Proprietary	10-30
Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5	5-10

*The exact percentage of composition has been withheld as a trade secret.

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4. FIRST AID MEASURES

Description of First Aid Measures

General Advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

Eye Contact

Keep eyes wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin Contact

Wash Off Immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

Inhalation

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.

Ingestion

Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.

Self-Protection of the First Aider

Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms

None known.

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. Dry chemical, CO2, sand, earth, water spray, or regular foam

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Explosion data

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Personal precautions Use personal protective equipment as required.

Environmental Precautions

Environmental Precautions Collect spillage. Dispose of contents/container to an approved waste disposal plant.

Methods and material for containment and cleaning up

Methods for Containment No information available

Methods for Cleaning Up Pick up and transfer to properly labeled containers.

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7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

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

Incompatible Materials Strong oxidizing agents. Strong acids. Strong bases.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Asphalt 8052-42-4	TWA: 0.5 mg/m ³ benzene-soluble aerosol fume, inhalable particulate matter	-	Ceiling: 5 mg/m ³ fume 15 min

NIOSH IDLH Immediately Dangerous to Life or Health

Appropriate Engineering Controls

Engineering Controls Showers
Eyewash Stations
Ventilation Systems

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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin and body protection	Wear protective gloves and protective clothing
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
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

Physical State	Solid	Odor	Slight
Appearance	Solid Sheet	Odor Threshold	No Information Available
Color	Multiple Colors		

<u>Property</u>	<u>Values</u>	<u>Remarks * Method</u>
pH	Not Applicable	
Melting Point/Freezing Point	No Information Available	
Boiling Point/Boiling Range	No Information Available	
Flash Point	No Information Available	
Evaporation Rate	No Information Available	Not Applicable
Flammability (Solid, Gas)	No Information Available	
Flammability Limit in Air		
Upper Flammability Limit:	No Information Available	
Lower Flammability Limit:	No Information Available	
Vapor Pressure	0	
Vapor Density	No Information Available	
Relative Density	>1	
Water Solubility	Insoluble in Water	
Solubility in Other Solvents	No Information Available	
Partition Coefficient	No Information Available	
Autoignition Temperature	>260 C / >500 F	
Decomposition Temperature	No Information Available	

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Kinematic Viscosity	No Information Available
Dynamic Viscosity	No Information Available
Explosive Properties	No Information Available
Oxidizing Properties	No Information Available

Other Information

Softening Point	No Information Available
Molecular Weight	No Information Available
VOC Content (%)	No Information Available
Density	No Information Available
Bulk Density	No Information Available

10. STABILITY AND REACTIVITY

Reactivity

No Data Available

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing

Conditions to Avoid

Storage near reactive materials, elevated temperatures.

Incompatible Materials

Strong oxidizing agents, strong acids, strong bases.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	None known.
Eye Contact	None known.
Skin Contact	None known.
Ingestion	Based on available data, the classification criteria are not met.

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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt 8052-42-4	>5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 94.4 mg/m ³ (Rat) 4.5 h
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Information on Toxicological Effects

Symptoms No information available

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

Sensitization Based on available data, the classification criteria are not met
Germ Cell Mutagenicity Based on available data, the classification criteria are not met
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Asphalt 8052-42-4	-	Group 2B	-	X
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 – Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B – Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X – Present

Reproductive Toxicity Based on available data, the classification criteria are not met.
STOT – Single Exposure Based on available data, the classification criteria are not met
STOT – Repeated Exposure Based on available data, the classification criteria are not met
Target Organ Effects Eyes, Respiratory system, Skin
Aspiration Hazard Based on available data, the classification criteria are not met

Numerical Measures of Toxicity – Product Information

The following values are calculated based on Chapter 3.1 of the GHS document.

ATEmix (oral) 5,012.00 mg/kg
 ATEmix (dermal) 2,005.00 mg/kg
 ATEmix (inhalation-dust/mist) 42.18 mg/l

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12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

100% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Partition Coefficient
Asphalt 8052-42-4	> 6

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

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

Contaminated Packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not Regulated

TDG Not Regulated

IATA Not Regulated

IMDG Not Regulated

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15. REGULATORY INFORMATION

International Inventory

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA	United States Toxic Substances Control Act 8(b) Inventory
DSL/NDSL	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 Chemical and Chemical Substances
AICS	Australian Inventory of Chemical Substances

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

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

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)

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CERCLA

This material, as supplied, does not contain any 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 Chemicals

This product contains the following Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Asphalt 8052-42-4	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

<u>NFPA</u>	Health Hazards 0	Flammability 1	Instability 0	Physical and Chemical Properties –
<u>HMIS</u>	Health Hazards 0	Flammability 1	Instability 0	Personal Protection X

Issue Date **6/12/2024**

Disclaimer

The information provided in this Material 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, 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.

End of Safety Data Sheet