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FIBERWEB

SAFETY DATA SHEET

SECTION 1: MATERIAL IDENTIFICATION AND USE

Manufacturer/Supplier: Clark/Hammerbeam Corporation
Address: 886 Washington Street, PO Box 381, Dedham, MA 02027
Telephone Numbers: Information / Emergency: (781) 461-1946
Effective Date: January 2, 2015
Material Use: Self Adhesive Membrane
Recommended Use: Granulated self-adhering membrane used for waterproofing barrier/sealing systems
Product Name as used on Label: Ice & Weathershield ; Metal & Tile

SECTION 2: HAZARDS IDENTIFICATION

As defined in the OSHA Hazard communication Standard, 29 CFR 1910.1200, the products listed below are considered articles and do not require SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, GHS labeling elements are not included on the SDS. All components listed for this product are bound within this product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, Clark Hammerbeam Corporation would like to disclose as much health and safety information as possible to ensure that this product is handles and used properly. The SDS contains valuable information critical to the safe handling and proper use of the product. The SDS should be retained and be made available for all users of this product.

Appearance: Black pliable solid rubber
Physical state: Solid
Odor: Slight petroleum

Hazards Not Otherwise Classified
Skin sensitive by some individuals

Signal Word
Warning

Hazard Statement
Harmful if ingested

Precautionary Statements- Prevention

Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when handling this product.

Precautionary Statements-Response

If exposed concerns exist, get medical advice/attention. If ingested call a POISON CENTER or doctor/medical professional

Precautionary Statements-Storage

No special precautions

Precautionary Statements-Disposal

See Section 13

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms	Ice & WeatherShield, Metal & Tile		
Petroleum Asphalt CAS # 8052-42-4	40-70%	Calcium Carbonate/Crystalline Silica CAS# 14808-60-7	6-17%
Petroleum Distillate CAS # 64741-88-4	<5 %	1,3-Butadiene-styrene block polymer CASA# 9003-55-8	0-7%
Fibrous Glass CAS# 65977-17-3	5-6%	Amorphous Silicon Dioxide CAS# 7631-86-9	13-14%
Aluminum Oxide CAS# 1344-28-1	5-6%	Iron Oxide CAS# 1309-37-1	5-6%
Calcium Oxide CAS# 1305-78-8	1-2%		

Note: Due to product form, exposure to dust and fumes is not expected to occur under normal use

SECTION 4: FIRST AID MEASURES

First Aid Measures

General Advice: If exposed or concerned, seek medical advice/attention

Inhalation: Remove to fresh air.

Skin: Wash affected area thoroughly with soap and water.

Eyes: Flush with water for at least fifteen (15) minutes. Obtain medical assistance.

Ingestion: Seek medical assistance immediately or call a POISON CENTER.

Most important symptoms and effects

Symptoms: Some individuals find it to be harmful in contact with skin. May cause redness or irritation. May aggravate pre-existing conditions.

Indication of any immediate attention and special treatment needed

Notes to Physician: Treat symptomatically

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media

Carbon Dioxide

Unsuitable Extinguishing Media

Not determined

Special Fire Fighting Procedures

The use of self-contained breathing apparatus is recommended for firefighters, MSHA/NIOSH (approved or equivalent) and full protective gear

Unusual Fire And Explosion Hazards

There is no potential for fire or explosion

Hazardous Decomposition/Combustion Products

Carbon Monoxide, Sulfur Oxides. Various hydrocarbons

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Use personal protective equipment as required

Environmental Precautions: Avoid release to the environment. See Section 13: See Section 12

Methods and material for containment and clean-up

Methods for Containment: N/A under normal use

Methods for Clean-up: Clean up in accordance with all applicable regulations. Sweep, pick-up and deposit into an approved waste container for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions To Be Taken In Handling And Storage

Do not ingest. Avoid prolonged or repeated contact with skin. Wash hands thoroughly after handling especially before eating, drinking, smoking or use of restroom. Use personal protective equipment as required.

Conditions For Safe Storage Including Any Incompatibilities

Storage Conditions: Material should be kept dry and protected from elements

Incompatible Materials: None known on information supplied

SECTION 8: EXPOSURE CONTROL

Respiratory Protection: Ensure adequate ventilation, especially in a confined area. In case of inadequate ventilation, wear respiratory protection. Refer to 29 CFR 1910.134 for respiratory protection requirements.

Eye/Face Protection: Use Safety Glasses

Skin and Body Protection: Wear normal gloves of 100% cotton or leather

Hygienic Practices: Handle in accordance with good industrial hygiene and safety practices.

SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

Information on basic physical and chemical properties

Flash Point

Not determined

Specific Gravity (H₂O=1)

Not determined

Vapor Pressure

Not Applicable

Melting Point

Not determined

Vapor Density (Air=1)

Not Applicable

Evaporation Rate

Not Applicable

Solubility In Water

Insoluble

Appearance and Odor

Black Solid, Slight Petroleum Odor

Flammability (Solid, Gas)

Not determined

Auto-ignition Temperature

Not determined

Upper Flammability Limits

Not determined

Decomposition Temperature

Not determined

Lower Flammability Limits

Not determined

Kinematic Viscosity

N/A

Explosive Properties

Not an explosive

VOC Content

None

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability Product is stable under recommended storage conditions

Possibility of Hazardous Reaction: None under normal processing

Hazardous Polymerization: None

Hazardous Decomposition Products: Carbon monoxide, hydrocarbons and sulfur oxides.

Conditions to Avoid: Temperatures over 400°F may cause resin degradation.

Keep out of reach of children. See Section 7- Handling & Storage

Reactivity: None under normal conditions

SECTION 11: TOXICOLOGICAL

Information on likely routes of exposure

Product Information

Eye Contact: Avoid eye contact

Skin Contact: May be harmful in prolonged contact with skin in some individuals

Inhalation: Not an expected route of exposure

Ingestion: Harmful if ingested

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Asphalt 8052-42-4	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Calcium Carbonate/Crystalline Silica 14808-60-7	= 500 mg/kg (Rat)	-	-
Iron Oxide (Fe2O3) 1309-37-1	>10000 mg/kg (Rat)	-	-
Silicon Dioxide 7631-86-9	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Calcium Dioxide	500 mg/kg (Rat)	-	-

Note: Because of product form, exposure to dust or fumes is not expected to occur in normal use

Information on physical, chemical and toxicological effects

Symptoms: See Section 4

Numerical measures of toxicity: Not determined

SECTION 12: ECOLOGICAL

Ecotoxicity: Classified as environmentally hazardous

Component Information/Analysis- Aquatic Toxicity

CHEMICAL NAME	FISH	ALGAE	INVERTEBRATE
Silicon Dioxide 7631-86-9	96 Hr. LC50 Brachydanio rerio: 500 mg/L [static]	72 Hr. EC50 Pseudokirchneriella subcapitata:440 mg/L	48 Hr EC50 Ceriodaphnia dubia: 7600 mg/L
Calcium Oxide 1305-78-8	96 Hr LC50 Cyprinus carpio: 107 0 mg/L [static]		

SECTION 13: DISPOSAL CONSIDERATIONS

Product is not regulated by U.S. EPA under the Resource Conservation and Recovery Act regulations. Waste is to be disposed of in accordance with federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

SECTION 15: REGULATORY

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum Asphalt	Present	X		Present		Present	X	Present	X	X
Calcium Carbonate/ Crystalline	Present	X		Present		Present	X	Present	X	X
1,3-butadiene-styrene Block polymer	Present	X				Present	X	Present	X	X
Fibrous Glass 65977-17 -3	X									
Formaldehyde 50-00-0	X									

Legend:

TSCA: United States toxic Substances control Act Section 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 Chemicals and Chemical Substances
AICS: Australian Inventory of Chemical Substances

Other state regulations may apply. Check individual state requirements. The following components appear on one or more of the following state hazardous substances list:

Chemical Name	CAS#	CA	MA	MN	NJ	PA	RI
Fibrous Glass	65977-17-3	yes	no	yes	yes	no	yes
Modified Urea		no	no	no	no	no	no
Formaldehyde Resin							
Formaldehyde	50-00-0	yes	yes	yes	yes	yes	yes
Iron Oxide (Fe2O3)	1309-37-1	yes	yes	yes	yes	yes	
Silicon Dioxide	7631-86-9	yes	yes	yes	yes	yes	
Calcium Oxide	1305-78-8	yes	yes	yes	yes	yes	
Aluminum Oxide	1344-28-1	yes	yes	yes	yes	yes	

Titanium Oxide	13463-67-7	yes	yes	no	yes	yes
Potassium Oxide	12136-45-7	yes	yes	no	yes	yes
Magnesium Oxide	1309-48-4	yes	yes	no	yes	yes
Sodium Oxide	1313-59 3	yes	yes	yes	yes	yes

U.S. Federal Regulations

SARA 313: N/A

SECTION 16: OTHER INFORMATION INCLUDING DATE OF PREPERATION OR LAST REVISION

<u>NFPA</u>	Health Hazards	Flammability	Instability
	1	1	0
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards
	Not determined	Not determined	Not determined

SDS Revision Summary: 10/01/2009 Original Issue
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