



Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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

1.1. Product identifier

Product form : Article
Trade name : Hardie Trim™
Product name : HardieTrim™ Brick Mould, HardieTrim™ Bed Mould, HardieTrim™ Rams Crown, HardieTrim™ Drip Cap, HardieTrim™ Base Cap, HardieTrim™ Skirtboards, HardieTrim™ Historic Sill, HardieTrim™ Sub Sill, HardieTrim™ Rake Mould and HardieTrim™ Shingle Mould
Synonyms : HardieTrim™ Moulding Products
Composite Moulding Products

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

Use of the substance/mixture : Construction material. External wall cladding accessories
Use advised against : None identified

1.3. Details of the supplier of the safety data sheet

James Hardie Building Products
231 S. LaSalle Street, Suite 2000
Chicago, IL 60604
Telephone: 1-800-942-7343

1.4. Emergency telephone number

Emergency number : 1-800-942-7343

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

Other hazards which do not result in classification : This product is not classified as hazardous

According to criteria of OSHA's hazard communication (HazCom 21012), this product as is supplied is not classified as hazardous.

Physical contact with generated dust during processing may cause reversible irritating to eye and irritation sensation to skin. Dust from processing may cause reversible respiratory tract irritation if high concentration of dust inhaled. Dust generated from cutting or other manipulation is considered as nuisance dust.

This product does not present fire or explosion hazards as shipped. Fine turnings, fine dust from processing may be readily ignitable.

WARNING: May form combustible dust concentrations in air during processing.

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

This product is an article with following composition and does not meet criteria of mixture.

11/30/2015

EN (English)

Page 1

Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Name	Product identifier	%	GHS-US classification
Polypropylene	(CAS No) 9003-07-0	40 – 90	Not classified
Lubricant	Proprietary	0.5 – 4	Not classified
Carbonic acid, calcium salt (1:1)	(CAS No) 471-34-1	0 – 60	Not classified

SECTION 4: First aid measure

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin and affected area with water and soap.
- First-aid measures after eye contact : 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. Do not rub eyes after direct contact with dust generated during processing.
- First-aid measures after ingestion : Ingestion is not considered a potential route of exposure.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Any dust created as a result of cutting or other manipulation may cause respiratory tract irritation. Wood dust may also cause respiratory sensitization of prolonged and repetitive exposure occurs. Wood dust is completely encapsulated within this product.
- Symptoms/injuries after skin contact : Any dust created as a result of cutting or other manipulation may cause mechanical irritation. Dryness and itching sensation. Wood dust, depending on species, may cause dermatitis if there is prolonged and repetitive contact.
- Symptoms/injuries after eye contact : Any dust created as a result of cutting or other manipulation may cause mechanical irritation. Redness and watering.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use fire-extinguishing media appropriate for surrounding materials. Foam. Dry powder. Carbon dioxide. Water spray.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : The product is not flammable.
- Explosion hazard : Avoid generation of dust; fine dust dispersed in air in sufficient concentration, and in the presence of an ignition source is a potential dust explosion hazards.

5.3. Advice for firefighters

- Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Pick up large pieces and sweep/vacuum. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

6.1.1. For non-emergency personnel

- Emergency procedures : In case of generation of dust during processing: use appropriate personal protective equipment.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection equipment. Do not attempt to take action without suitable protective equipment.
- Emergency procedures : Avoid contact with skin and eyes. Do not breathe dust.

6.2. Environmental precautions

Avoid release to the environment.

Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Recover mechanically the product. Wet clean or vacuum up solids. Sweep or shovel fine turning into appropriate container for disposal. Avoid raising powdered materials into airborne dust. Avoid dispersal of dust in the air (i.e.. cleaning dust surfaces with compressed air). Non-sparking tools should be used.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station when processing. Wear personal protective equipment. Avoid raising powdered materials into airborne dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixture operations. Provide adequate precautions, such as electrical grounding and bonding or inert atmospheres.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : No specific storage requirements.

Incompatible materials : Oxidizing materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Cellulose (9004-34-6)		
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)

8.2. Exposure controls

Appropriate engineering controls : Not required under normal conditions and use. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust dusts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area. Use only appropriately classified electrical equipment and powered industrial trucks.

Personal protective equipment : Safety glasses. Gloves.



Hand protection : Cotton or leather gloves are recommended when handling.

Eye protection : Safety glasses with side shields.

Respiratory protection : Not required under normal conditions and use. In case of insufficient ventilation while processing, wear suitable respiratory equipment.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Appearance	: Solid board/ moulding
Colour	: Light yellow
Odour	: Odourless
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: Not applicable
Melting point	: > 320° F (160° C)
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: > 100° F (212° C)
Decomposition temperature	: > 320° F (160° C)
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: > 1.0 (water=1)
Solubility	: Insoluble in water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage condition

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Open flames (sparks, in case generation of dust during processing).

10.5. Incompatible materials

Oxidizing material.

10.6. Hazardous decomposition products

Thermal decomposition products: Carbon monoxide, carbon dioxide, ketones, acrolein, aldehydes (including formaldehyde), unidentified organic compounds, smoke, and fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
(Based on available data, the classification criteria are not met)

Cellulose (9004-34-6)	
LD50 oral rat	> 5 g/kg
LC50 inhalation rat (mg/l)	> 5800 mg/m ³ (Exposure time: 4 h)

Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Carbonic acid, calcium salt (1:1) (471-34-1)	
LD50 oral rat	6450 mg/kg
ATE US (oral)	6450.000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

Polypropylene (9003-07-0)	
IARC group	3 - Not classifiable

Ethene, homopolymer (9002-88-4)	
IARC group	3 - Not classifiable

Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Symptoms/injuries after eye contact	: May cause eye irritation sensation. Redness and watering.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No additional information available

Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Polypropylene (9003-07-0)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Cellulose (9004-34-6)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Ethene, homopolymer (9002-88-4)	
Listed on the Canadian DSL (Domestic Substances List)	
Carbonic acid, calcium salt (1:1) (471-34-1)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

EU-Regulations

No additional information available

Cellulose (9004-34-6)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Carbonic acid, calcium salt (1:1) (471-34-1)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Hardie Trim™

Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

15.2.2. National regulations

Polypropylene (9003-07-0) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican national Inventory of Chemical Substances)
Cellulose (9004-34-6) Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on INSQ (Mexican national Inventory of Chemical Substances) Listed on CICR (Turkish Inventory and Control of Chemicals)
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15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Indication of changes	: 11/30/2015
Revision date	: Adoption of criteria of GHS according to HazCom 2012.
Other information	: Refer to NFPA 654, <i>Standard for the Prevention of Fire and Dust explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.</i>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product