



JamesHardie

Material Safety Data Sheet

HardieWrap™

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS AND OF THE COMPANY UNDERTAKING

Product Name	HardieWrap™
Product Description	Water resistive barrier (housewrap)
Manufacturer/Supplier	James Hardie Building Products
Address	1901 Elm Avenue Fontana, CA 92337
Phone Number	1-800-9HARDIE
Chemtrec Number	(800) 424-9300
Revision Date:	January 29, 2009
MSDS Date:	January 29, 2009

Safety Data Sheet according to EC directive 2001/59/EC and OSHA's Hazcom Standard (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

EU Main Hazards Not classified as hazardous.
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Routes of Entry

- Skin contact - eye contact

Carcinogenic Status

Not considered carcinogenic by NTP, IARC, and OSHA.

Target Organs

None

Health Effects – Eyes

Contact may cause irritation due to mechanical abrasion.

Health Effects – Skin

None expected during normal handling and use. The product contains an ingredient that may cause skin sensitization, however when incorporated in the polymer matrix the risk of exposure is reduced.

Health Effects – Ingestion

Not an expected route of entry during normal handling and use.

Health Effects – Inhalation

Not an expected route of entry during normal handling and use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components of construction: Polymer, additives, and ink

Quantities of listed compounds contained in this product are not reportable under the article exemption, since they do not release or otherwise result in exposure of a hazardous chemical under normal conditions of use.

4. FIRST AID MEASURES

Eyes

Contact a physician if symptoms occur.

4. FIRST AID MEASURES

Skin

Contact a physician if irritation persists.

Ingestion

Obtain medical attention immediately.

Inhalation

Remove person to fresh air. Seek medical attention if symptoms persist.

Advice to Physicians

Treat symptomatically.

5. FIRE- FIGHTING MEASURES

Extinguishing Media

Water spray, carbon dioxide and dry chemical.

Unusual Fire and Explosion Hazards

May release hazardous vapors during a fire.

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

No specific measures necessary. Prevent the material from entering drains or watercourses.

7. HANDLING AND STORAGE

Keep away from heat and sources of ignition. Storage area should be: - cool - dry - well ventilated - away from incompatible materials

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

Exposure limits: None Established.

Engineering Control Measures

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

Respiratory Protection

Respiratory protection not normally required.

Hand Protection

Not required under normal conditions of use.

Eye Protection

Safety glasses

Body Protection

Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State

Solid

Color

White with green print

Odor

None

Density

No data available

Melting Point (°C/F)

Not applicable

Flash Point (PMCC) (°C/F)

Not known

Solubility in Water Insoluble

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to Avoid

Heat – high temperatures

Materials to Avoid

Strong oxidizing agents – chlorinated solvents

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

Oxides of carbon – combustible gases

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Low order of acute toxicity.

Chronic Toxicity/Carcinogenicity

This product is not expected to cause long term adverse health effects.

Genotoxicity

This product is not expected to cause any mutagenic effects.

Reproductive/Developmental Toxicity

This product is not expected to cause adverse reproductive effects.

12. ECOLOGICAL INFORMATION

Mobility

No relevant studies identified.

Persistence/Degradability

No relevant studies identified.

Bio-accumulation

No relevant studies identified.

Ecotoxicity

No relevant studies identified.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

DOT CFR 172.101 Data Not Regulated

UN Proper Shipping Name Not Regulated

UN Class None.

UN Number None.

UN Packaging Group None.

Classification for AIR Transportation (IATA) Consult current IATA Regulations prior to shipping by air.

15. REGULATORY INFORMATION

Quantities of listed compounds contained in this product are not reportable under the article

exemption.

16. OTHER INFORMATION

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

BOD: Biological Oxygen Demand

KoC: Soil Organic Carbon Partition Coefficient

Definition or "article" per OSHA Hazard Communication – 1910.1200(c)

"Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees.

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