

Millennium Decking Inc.**Material Safety Data Sheet****1. PRODUCTION IDENTIFICATION Millennium Decking®**

Manufacture: Millennium Decking Inc.
407 – 18 Avenue
Nisku, AB Canada T9E 7T5

Product Use: Outdoor Decking

Emergency Phone: (780) 955-3525

2. HAZARDOUS INGREDIENTS

INGREDIENT	WEIGHT%	CAS#	EXPOSURE	LC ₅₀ (rat)
			LIMITS ACGIH (2000)	
Regrind polyvinyl chloride plastics	50 – 65	64741-47-5	None	600mg / m ³
Wood dust	25 – 45	NAv	5 mg / m ³ – TWA (Softwood)	NAv
Trade secret	0.5 – 2	NAv	2 mg / m ³ – TWA (Fume)	NAv
Trade secret	5 - 10	NAv	NAv	NAv

Note: Exposure limits for dust from overall product are: 10 mg / m³ – TWA (inhalable fraction)
3 mg / m³ – TWA (respirable fraction)

3. PHYSICAL PROPERTIES

Physical state	Solid	Vapour density (air=1)	NAv
Colour / odour	Varies / odourless	Specific gravity (water =1)	>1
Boiling point	NAv	Evaporation rate	NAv
Freezing point	NAv	Vapour pressure	NAv

4. FIRE OR EXPLOSION HAZARD

Conditions of flammability	This product, in board form, is not flammable and will not support flame
Flash point	Not applicable
Auto ignition temperature	Not applicable
Explosion data	Not applicable
Hazardous decomposition products	Carbon monoxide, hydrogen chloride and formaldehyde may be produced by extreme heating of the product.

5. REACTIVITY INFORMATION

Stability	Stable
Incompatibilities	None known
Conditions to avoid	Extreme heat
Decomposition products	Carbon monoxide, hydrogen chloride and formaldehyde may be produced by extreme heating of the product.

6. HEALTH HAZARD INFORMATION

Routes of entry	Inhalation and possible ingestion of dust and fume produced when cutting products
Immediate effects	Inhalation of product is expected to be irritating to nose, throat, lung and skin
Irritancy	Dust may cause foreign body-type skin, eye or respiratory tract irritation
Sensitization	Components are not known to cause sensitization
Carcinogenicity	Wood dust is considered by the International Agency for Research on Cancer (IRAC) to be carcinogenic (Group 1). However, in this product the wood particles are bound in a plastic matrix; the carcinogenic potential of the wood-plastic matrix is not known.
Reproductive toxicity	Product components are not known to be reproductive toxins
Teratogenicity	Product components are not known to be teratogenic
Mutagenicity	Product components are not known to be mutagenic
Synergistic products	None known

7. PREVENTITIVE MEASURES

Engineering controls	To the greatest extent possible, enclose all processes in which the product is cut or heated. Use ventilation to minimize airborne concentration of dust produced; provide local exhaust ventilation at the locations where cutting is done and general (dilution) ventilation for the whole room. Provide an adequate quantity of tempered make-up air.
Personal protective	If respiratory protection is required, use a properly fitted, NIOSH-approved air filtering air respirator. Any respirator with the following designations is adequate: N, R or P and 95, 99 or 100. Long-sleeved shirt and long-legged pants or coveralls (with pant legs outside boots) are recommended to avoid skin irritation. Safety glasses are recommended to prevent dust lodging in eyes.
Handling procedures and equipment	Vacuum or sweep product dust into a clean, properly labelled container for recycling or disposal. Remove product dust from walkways and floors to prevent slipping hazard.
Storage	No special storage procedures are required
Waste disposal	Dispose in accordance with local requirements
Shipping information	No special procedure required

8. FIRST AID MEASURES

Inhalation	Move subject to fresh air. Provide supportive measures. Seek medical attention.
Eye contact	Quickly remove victim from source of contamination and flush contaminated eye(s) while holding eyelid open, with lukewarm gently flowing water for 20 minutes. If irritation persists, get medical attention.
Skin contact	Quickly remove victim from source of contamination. Immediately flush with lukewarm water until irritation subsides. Use soap if available. If irritation persists, get medical attention.
Ingestion	Not anticipated being a concern

9. PREPARATION INFORMATION

Prepared by	Millennium Decking Inc.
Telephone	(780) 955-3525
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