

Millennium Decking Inc.

Material Safety Data Sheet

1. PRODUCTION IDENTIFICATION Millennium Decking®

Manufacture	Millennium Decking Inc. 1408 – 7 th Street Nisku, AB. T9E 7P9 Canada	Product Use	Outdoor decking
Emergency Phone	(780) 955-3525		

2. HAZARDOUS INGREDIENTS

INGREDIENT	WEIGHT %	CAS#	EXPOSURE LIMITS ACGIH (2000)	LC ₅₀ (rat)
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	Vapor density (air = 1)	NAv
Color/odor	Varies/Odorless	Specific gravity (Water = 1)	>1
Boiling point	NAv	Evaporation rate	NAv
Freezing point	NAv	Vapor pressure	NAv

4. FIRE OR EXPLOSION HAZARD

Conditions of flammability	This product, in the board form, is not flammable and will not support flame.
Flash point	Not applicable
Autoignition 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, this product, the wood particles are bound in a plastic matrix; the carcinogenic potential of this 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 be greatest extent possible, enclose all processes in which the product is cut or heated. Ventilate use area to minimize airborne concentration of producing dust; 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 respirator, any of the designations- N, R, or P and 95, 99, or 100, is adequate. 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 & equipment	Vacuum or sweep product dust into a clean, properly labeled 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(s) 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 it is 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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