MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name **Vinyl Products**

Revision date 06-17-2011

Version # 01

CAS # Mixture

Product code 00

Product use Home construction decorative trim

Manufacturer/Supplier Fypon
1750 Indianwood Cr, Maumee OH 43537
Contact Person: Rick Goodman

Emergency Emergency phone Chemtrec

2. Hazards Identification

Physical state Solid.

Appearance Solid.

Emergency overview CAUTION

May cause eye, skin and respiratory tract irritation.

OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

Eyes Irritating to eyes.

Skin Prolonged or repeated skin contact may cause irritation.

Inhalation May cause respiratory tract irritation.

Ingestion May cause digestive tract irritation.

Target organs Inhalation, Eye, Skin.

Signs and symptoms May cause eye irritation. Itching, redness, burning of skin.

Potential environmental effects The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Metal tube	Not Applicable	40 - 60
Polyvinyl chloride	9002-86-2	40 - 60
Polyurethane foam	Not Applicable	0.1 - 1

4. First Aid Measures

First aid procedures

Eye contact Dust in the eyes: Flush thoroughly with water for at least 15 minutes. Get medical attention if any discomfort continues. No specific first aid measures noted.

Skin contact Contact with dust: Wash with soap and water. Get medical attention if any discomfort continues.

Inhalation In case of inhalation of dust or fumes: Remove victim to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If the victim is having trouble breathing, transport to medical care and if available, give supplemental oxygen.

Ingestion Do not induce vomiting. Get medical attention immediately.

5. Fire Fighting Measures

Flammable properties Not flammable by OSHA criteria.

Extinguishing media

Suitable extinguishing media No specific measures are required as this product is a fire extinguishing medium.

Protection of firefighters

Specific hazards arising from the chemical Not a fire hazard.

Fire fighting equipment/instructions Not available.

Specific methods Not applicable.

Hazardous combustion products Carbon monoxide.

6. Accidental Release Measures

Personal precautions No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product.

Environmental precautions No specific precautions.

Methods for cleaning up For waste disposal, see Section 13 of the MSDS.

7. Handling and Storage

Handling Use work methods which minimize dust production. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

Storage Store away from incompatible materials. Read and follow manufacturer's recommendations.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Polyvinyl chloride (9002-86-2)	TWA	1 mg/m3	Respirable fraction.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Polyvinyl chloride (9002-86-2)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
	STEL	5 ppm	
	TWA	15 mppcf	Respirable fraction.
		5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		1 ppm	

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Polyvinyl chloride (9002-86-2)	TWA	10 mg/m3	Total particulate.
		3 mg/m3	Respirable particles.

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Polyvinyl chloride (9002-86-2)	TWA	1 mg/m3	Respirable.

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Polyvinyl chloride (9002-86-2)	TWA	3 mg/m3	Respirable particles.

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
		10 mg/m3	Inhalable particulate.

Canada. Quebec OELS. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value	Form
Polyvinyl chloride (9002-86-2)	TWA	10 mg/m3	Total dust.

Engineering controls Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.

Personal protective equipment

Eye / face protection No special precautions.

Skin protection Gloves, for handling rough edges.

Respiratory protection When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.

9. Physical & Chemical Properties

Appearance	Solid.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
Physical state	Solid.
Form	Solid.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	Not available.
Solubility (water)	not soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

10. Chemical Stability & Reactivity Information

Chemical stability	Stable under normal temperature conditions.
Conditions to avoid	Avoid temperatures above 80°F (26,67°C).
Incompatible materials	Strong acids, alkalies and oxidizing agents.
Hazardous decomposition products	No data available.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Acute effects Under normal conditions of intended use, this material does not pose a risk to health.

Local effects Exposure to particles from cutting operations may cause mechanical irritation of eyes. Inhalation of metal fumes may cause chronic diseases or disorders of the respiratory system.

Sensitization No test data available for the product.

Chronic effects No data available.

Carcinogenicity

ACGIH Carcinogens

Polyvinyl chloride (CAS 9002-86-2) A4 Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Polyvinyl chloride (CAS 9002-86-2) 3 Not classifiable as to carcinogenicity to humans.

US OSHA Specifically Regulated Substances: Potential cancer hazard

Polyvinyl chloride (CAS 9002-86-2) Potential cancer hazard.

Epidemiology Not available.

Mutagenicity No test data available for the product.

Reproductive effects No test data available for the product.

Further information No data available.

12. Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

Persistence and degradability The product is not biodegradable.

Bioaccumulation / Accumulation Not available.

Partition coefficient (n-octanol/water) Not available.

Mobility in environmental media The product is insoluble in water.

13. Disposal Considerations

Disposal instructions Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)

Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
Section 302 extremely hazardous substance (40 CRF 355, Appendix A)	No
Section 311/312 (40 CFR 370)	No
Drug Enforcement Administration (DEA) (21 CFR 1308.11-15)	Not controlled
WHMIS status	Non-controlled

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US - New Jersey Community RTK (EHS Survey): Reportable threshold

Polyvinyl chloride (CAS 9002-86-2)	500 LBS

US - New Jersey RTK - Substances: Listed substance

Polyvinyl chloride (CAS 9002-86-2)	Listed.

16. Other Information

Further information	HMIS® is a registered trade and service mark of the NPCA.
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 1 Flammability: 0 Instability: 0
Disclaimer	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.
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