

MATERIAL SAFETY DATA SHEET

EcoStud LLC Furring Products
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SECTION 1

Manufacturer Information:
EcoStud LLC
25280 Renaissance Road
Calumet, MI 49913
Telephone: 906-337-3355
Fax: 906-337-3357

Product/Trade name: EcoStud recycled PVC furring products
Chemical Name: Not Applicable
CAS #: Not Applicable
Common Name: Vinyl Furring
Product Use: Construction Material for non-load bearing walls.

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Component	Percent
9002-86-2	Recycled PVC (Chloroethylene, polymer)	60 – 95%
Not Available	Inert Fillers	5 – 40%
Not Available	Functional Modifiers	10 – 30%

Component Related Regulatory Information – This product may be regulated, have exposure limits or other information identified as the following: Quartz (14808-60-7), Limestone (1317-65-3).

Component Information/Information on Non-Hazardous Components – The products listed above are articles so defined by the OSHA Hazard Communication standard (29 CFR 1910.1200). Their end uses are dependant upon their manufactured shape and design, and they will not release, or otherwise result in exposure to a hazardous chemical under normal conditions of use. Exposure limits are given for reference only.

This material is not a controlled product under Canadian WHMIS regulations.

SECTION 3 – HAZARD IDENTIFICATION

Emergency Overview – Under conditions of normal use, this product is not expected to create any unusual emergency hazards. This is a non-combustible, non-reactive solid material. Use methods suitable to fight surrounding fire. Contact with the eye may result in mechanical irritation characterized by itching or redness.

Due to the form of the product hazardous exposures are unlikely to occur. Exposure may cause slight temporary irritation to skin, eyes, nose, or throat.

Route of exposure: Inhalation, skin, and eye contact.

Potential Health Effects Eyes: this product may cause mechanical irritation of the eye from cutting, grinding or drilling of the product. Continued mechanical irritation of the eye could result in permanent corneal damage.

Potential Health Effects Skin: This product may produce skin abrasions. Mechanical rubbing may increase skin irritation.

Potential Health Effects Ingestion: Not a likely route of entry.

Potential Health Effects Inhalation: Inhalation of dusts produced during cutting, drilling, grinding or sanding of this product may cause irritation of the respiratory tract.

Medical Conditions Aggravated by Exposure: None expected.

HMS Ratings: Health: 0 Fire: 1 Physical Hazard:)
Hazard scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
*=Chronic Hazard

SECTION 4 – FIRST AID MEASURES

First Aid Eyes: Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5 – 15 minutes. If irritation persists, contact a physician.

First Aid Skin: Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.

First Aid Ingestion: Product is not intended to be ingested or eaten. If the product is ingested, do not induce vomiting. Seek medical attention.

First Aid Inhalation: Move person to non-contaminated air. Call a physician if symptoms develop or persist.

SECTION 5 – FIRE FIGHTING MEASURES

General Fire Hazards: See Section 9 for Flammability Properties. None expected.

Hazardous Combustion Products: The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning of the polymer. These decomposition products may include carbon dioxide, carbon monoxide, carbon particles, hydrocarbons, chlorine, hydrogen, chlorine, phosgene, and formaldehyde. This product should not be burned as a construction waste.

Extinguishing Media: Use any media suitable for the surrounding fires water, spray, fog, Carbon dioxide (CO₂), dry chemical, foam.

Fire Fighting Equipment / Instructions: Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products. Do not release chemically contaminated water into drains, soil or surface water.

NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Containment Procedures: None necessary.

Clean-Up Procedures: Sweep up or gather material and place in the proper container for recycling or disposal. This product should not be burned as construction waste.

Evacuation procedures: None necessary.

Special Procedures: Wear safety glasses with side-shields or safety glasses and gloves.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: Customary personal hygiene measures, such as washing hands after working with these products are recommended.

Storage procedures: Room temperature – normal conditions. Warehouse storage should be in accordance with package directions, if any.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Component Exposure Limits

Limestone (Not Available)

ACGIH: 0.05 mg/m³ TWA (respirable fraction) (related to Silica, crystalline, quartz)

OSHA: 0.1 mg/m³ TWA (respirable dust) (related to Silica, crystalline, quartz)

NIOSH: 0.05 mg/m³ TWA (respirable dust) (related to Silica, crystalline)

Paraffin and Hydrocarbon Waxes (8002-74-2)

ACGIH: 2 mg/m³ TWA (fume)

OSHA: 2 mg/m³ TWA

NIOSH: 2 mg/m³ TWA (fume)

Engineering Controls: No special protective measures are required for use with this product in that it is an article which under normal conditions of use is not expected to release, or otherwise result in exposure to a hazardous chemical.

PROTECTIVE PERSONAL EQUIPMENT

Personal Protective Equipment Eyes/Face: Safety glasses with side shields should be worn to reduce the risk of eye injury as a result of construction activities.

Personal Protective Equipment Skin: Under normal conditions of use this product is not expected to cause skin irritation. To reduce the risk of skin irritation due to construction related activities leather or other protective work gloves are recommended.

Personal Protective Equipment Respiratory: No special ventilation systems are required under normal conditions of use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Various shades of gray	Odor: Negligible
Physical State: Solid	PH: Not applicable
Vapor Pressure: Not applicable	Vapor Density: Not applicable
Boiling Point: Not applicable	Melting Point: Not applicable
Solubility in Water: Not soluble	Specific Gravity: 1.2 to 1.6
Flash Point: Not applicable	Flash Point Method: Not available
Lower Flammability Limit: Not Available	Upper Flammability Limit: Not Available
Auto Ignition Temp*: PVC – 730°F	Burning Rate: Not applicable

* (Applies to Rigid PVC)

SECTION 10 – CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable under normal conditions.

Chemical Stability: Conditions to avoid, heat, sparks and open flame.

Incompatibility: None identified.

Hazardous Decomposition: The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning of the polymer. These decomposition products may include carbon dioxide, carbon monoxide, carbon particles, hydrocarbons, chlorine, hydrogen, chloride, phosgene, and formaldehyde.

Possibility of Hazardous Reactions: None expected.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Dose Effects: No information available for this product

Repeated Dose Effects: No chronic health effects are expected from the normal use of this product.

Carcinogenicity General: No information available for this product

Component Carcinogenicity: PVC (Chloroethylene, polymer) (9002-86-2)
IARC: Supplement 7, 1987; Monograph 19, 1979 (Group 3 (not classifiable))

Component Carcinogenicity: Limestone (Not available)
ACGIH: A2 – Suspected Human Carcinogen (related to Silica Quartz)

NIOSH: Potential Occupational Carcinogen (related to Silica Quartz)
IARC: Monograph 68, 1997 (Listed under Crystalline silica, inhaled in the form of quartz or cristobalite from occupational sources) (related to silica, quartz) (Group 1 (carcinogenic to humans))

Mutagenicity: No information available for this product.

Teratogenicity: No information available for this product.

Developmental Effects: No information available for this product.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

General Product Information: No information available for this product.

Component Analysis – Ecotoxicity – Aquatic Toxicity: No ecotoxicity data are available for this product's components.

Environmental Fate: No information is available for this product.

SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

US EPA Waste and Number Descriptions

General Product Information: 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. If you are unsure of the regulations, contact your local Public Health Department, or local office of the EPA.

Component Waste Numbers: No EPA listed waste numbers are being shown for this product's components.

Disposal Instructions: Recycle scraps as rigid PVC where available. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See section 7 for handling procedures. See section 8 for Personal Protective Equipment recommendations.

SECTION 14 – TRANSPORTATION INFORMATION

US DOT Information: This product is not classified as a hazardous material for transportation.

TDG Information: Not classified as a dangerous good for transportation.

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

General Product Information: All components are on the U.S. EPA TSCA Inventory List.

CERCLA: None of the components of this product are listed under CERCLA (40 CFR 302.4) and present in the material at an amount exceeding the Reportable Quantity (RQ).

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

State Regulations

General Product Information: Other State regulations may apply, Check individual State requirements.

Component Analysis - State

Component	CAS	CA	MA	MN	NJ	PA	RI
Limestone (¹ related to Quartz) (² related to Silica-crystalline quartz) (³ related to Silica Quartz) (⁴ related to quartz SiO ₂) (⁵ related to Calcium carbonate)	Not Available	No	Yes ¹	Yes ²	Yes ³	Yes ⁴	Yes ^{4,5}
Paraffin and Hydrocarbon Waxes	8002-74-2	Yes	Yes	Yes	No	Yes	Yes

California Safe Drinking Water and Toxics Enforcement Act (Proposition 65):
The following statement(s) are provided under the California Safe Drinking Water and Enforcement Act of 1986 (Proposition 65)

WARNING! This product contains a chemical known to the State of California to cause cancer.

Canadian WHMIS Information:

General Product Information: This Product is not a controlled product according to the Canadian Hazardous Products Act.

Component Analysis – WHMIS IDL: The following components are identified under the Canadian hazardous Products Act Ingredient Disclosure List may be present:

Component	CAS #	Minimum concentration
Limestone	Not available	1% (English Item 1406, French item 1491) (related to Silica-crystalline, quartz

WHMIS Classification: None

Additional Regulatory Information:

General Product Information: No additional information available.

SECTION 16 – Additional Comments

Other Information: Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make their own test to determine quality, fitness and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. Read the Material Safety Data Sheet before handling product.