

MATERIAL SAFETY DATA SHEET

A: Product Identification:

Manufacturing Site: Asia Building Materials Limited
Address: Suite 1201-4, Tower 2 The Gateway,
25-27 Canton Road TST, Kowloon
Hong Kong
Telephone Number: (852) 3105-3221
Trade Name: Polyvinyl Chloride Compound (PVC, Vintec I, Vintec II, Celtec,
Century Trim) Sheet and Trim.
Synonyms: Vinyl Polymers
CAS Number: 9002-86-2

B: Composition/Information on Ingredients:

Component	CAS Number	WT%
Polyvinyl Chloride Resin	9002-86-2	>70%
Calcium Carbonate	1317-65-3	<10%
Titanium Dioxide	13463-97-7	<20%
Proprietary Additives	Mixture	<20%

This product is an article as defined in 29 CFR 1910.1200. It will not result in exposure to hazardous chemicals under normal conditions of use. This product is not subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

C: Physical Data:

Appearance (Physical Form): Finished Board / Sheet (Solid)
Boiling Point(°F): Solid
Specific Gravity (H2O=1): 0.45 to 1.55
Vapor Pressure (mm Hg): Solid
Melting Point: Decomposes before melting
Solubility in Water: Solid
Vapor Density: Solid
Appearance and Odor: Finished Sheet
PH: Not Applicable (Solid)

D: Fire and Explosion Data:

Flash Point: Not Applicable
Autoignition Temperature: Not Applicable
Flammable Limits In Air. % by VOL.
Lower Not Applicable
Upper Not Applicable
Extinguishing Media: Water Spray(Fog), Foam, Dry Chemical or CO₂
Special Fire Fighting Procedure: Cool exposed equipment with water spray. Wear

Unusual Fire and Explosion Hazard:

NIOSH approves, positive pressure, self-contained breathing apparatus if fighting fire in confined spaces. Full protective clothing. Evacuate all personnel from danger area.

PVC evolves hydrogen chloride, carbon monoxide, and other toxic gases when burned. Exposure to combustion products may be fatal and should be avoided.

E: Health Hazard Information:

(Pertains to dust or chips generated during fabrication processes on finished trim boards and sheet.)

First Aid:

Eyes:

Immediately flush with plenty of water for a period of 15 minutes. Do not rub eyes. If irritation persists consult a physician.

Skin:

Flush skin with plenty of water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists immediately consult a physician. If burnt by molten, get medical attention immediately.

Ingestion:

Seek medical aid.

Inhalation:

If smoke from burning plastic is inhaled, remove subject to fresh air immediately. If symptoms develop, seek immediate medical attention.

Note to Physician:

Treat symptomatically and supportively.

Medical Conditions Aggravated
by Overexposure:

Available toxicological data and the physical and chemical properties of the product suggest that there is no evidence that this product will aggravate an existing medical condition.

Other Instructions:

Never give anything by mouth to an unconscious person.

Nature of Hazard:

Eyes:

If exposed to high concentrations of dust, physical irritation of the eyes.

Skin:

This material is not expected to present a hazard to the intact skin. Molten sheet will produce thermal burns.

Inhalation:

Under normal conditions and with normal use, no inhalation hazard is presented. Please refer to Section IV, Fire and Explosion Data.

Ingestion:

No significant health hazard anticipated.

Exposure Limits:

None established. ACGIH TLV of 10 mg/m³ total dust as an 8-hour TWA is recommended.

Toxicity Data:

Skin Contact:

A review of the pertinent literature did not reveal specific information for PVC.

Eye Contact:

A review of the pertinent literature did not reveal specific information for PVC.

Inhalation:

Rodents exposed by the dietary or inhalation route for 6 to 24 months have shown no significant toxicological effects.

Ingestion:

Rodents exposed by the dietary or inhalation route for 6 to 24 months have shown no significant toxicological effects.

Special Precautions:

Avoid inhalation of combustion products.

F: Reactivity Data:

Conditions Contributing to Instability:

Not applicable.

Incompatibility:

Not applicable.

Hazardous Decomposition Products:

Hydrogen chloride and other toxic fumes generated with combustion.

Conditions Contributing to

Hazardous Polymerization:

Not applicable.

G: Spill or Leak Procedures:

When producing chips or dust from fabricating PVC sheet, sweep, scoop, or vacuum and remove. Dispose of only in accordance with local, state, and federal regulations. Recycling of PVC sheet and boards should be encouraged whenever possible.

H: Special Protection Information

(Pertains to dust or chips generated during fabrication process on finished trim boards and sheet.)

Ventilation Recommendations:

General ventilation when fabricating and nuisance dust control.

Specific Personal Protective Equipment

Respirator Protection:

If dust is produced during handling, an approved particulate filter respirator should be used.

Eyes:

Safety glasses or goggles.

Gloves:

Necessary when handling hot or molten sheet.

Other Clothing and Equipment:

As necessary when handling hot or molten sheet.

I: Shipping Transfer and Storages:

Shipping Information:

Non-hazardous for transportation purposes.

Transpiration and Storage

Usual Shipping Containers:

Palletized sheets.

Storage Transport:

Sustainer Temperatures above 150°F may cause slow degradation.

Electrostatic Accumulation Hazard:	Yes.
Dot Shipping Name:	Not listed.
Dot Hazard Glass:	Not regulated.
Dot Label:	Not listed,
UN/AN Number:	Not applicable.
Hazard Labels/Placard(S):	Not applicable.
Packing Group:	Not applicable.
Bulk Packaging:	Not applicable.
RQ:	Not applicable.
EGR No.:	Not applicable.

J: Ecological Information:

No data is available on the adverse effects of this product on the environment.

Disclaimer:

The above data is based upon tests performed by, and experience of Century Trim or Century Trim's suppliers and is provided for informational and safety purposes only. The information is believed to be accurate and complete. It is based on our current knowledge, however unknown hazards may exist. Asia Building Materials Limited does not warranty, guarantee, or assume any liability for the accuracy or completeness of the MSDS information. Century Trim's products are intended for sale to industrial and commercial customers. Asia Building Materials Limited requests that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Compliance with all applicable Federal, State, and Local laws and regulations remains the responsibility of the user.

Date: August 16, 2006