



Material Safety Data Sheet

MATERIAL SAFETY DATA SHEET

PEAK BUILDING MATERIALS, Inc PVC Boards, Sheets and Mouldings

1. PRODUCT IDENTIFICATION

MANUFACTURING SITE: POTEN TECHCO., LTD
ADDRESS: 1#Xin'an Road, Guangdong, China
TRADE NAME: Polyvinyl Chloride (PVC) foaming-sheet and board.
CAS NUMBER(S): 9002-86-2
SYNONYMS: Vinyl Polymers
TELEPHONE: (020)82976175

2. COMPONENTS AND HAZARD CLASSIFICATION

PVC Polymer PVCresin100
Insert Filters: 14% CaCO₃,TiO₂
Heat Stabilizer: 7.0% Organotin Compounds
Lubricants: 1.8%Calcium Stearate, Parafin, Polyethylene, Polyamide compounds, or Esters
Process Aid: 18% Acrylic compounds
Impact Modifiers: 2.5% CPE, ABS, MBS, or Acrylic Compounds
Colorants: Organic and inorganic
Chemical Blowing Agents: 1.0% Azo Compounds or Sodium Bicarbonate

This product is an article as defined in 29CFR 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 40 CFR part 372.

3. PHYSICAL DATA

BOILING POINT (°F): Solid
SPECIFIC GRAVITY (H₂O=1): Solid
VAPOR PRESSURE (MMHG): Solid
MELTING POINT: Decomposes before melting
SOLUBILITY IN WATER: Solid
VAPOR DENSITY: Solid
APPEARANCE AND ODOR: Finished sheet

4. FIRE AND EXPLOSION DATA

FLASH POINT (TEST METHOD): 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



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SPECIAL FIRE FIGHTING PROCEDURES:

Cool exposed equipment with water spray. Use self-contained breathing apparatus if fighting fire in confined spaces.

UNUSUAL FIRE AND

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

5. HEALTH HAZARD INFORMATION

Pertains to dust or chips as a by-product of fabricating finished sheet

FIRST AID

EYES: Immediately flush with plenty of water. Call a physician if irritation persists.

SKIN: Flush skin with plenty of water. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse.

INGESTION: Seek medical aid.

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 product thermal burns.

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

INGESTION: No signification health hazard can be reasonably anticipated.

EXPOSURE LIMITS: None established

ACGIH TLV: 10 mg/m³total 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

INGESTION: See above

SPECIAL PRECAUTIONS

AVOID INHALATION OF COMBUSTION PRODUCTS.

6. 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

7. SPILL OR LEAK PROCEDURES

When producing chips or dust from fabricating PVC sheet, sweep, scoop, or vacuum remove. Dispose of only in accordance with local, state, and federal regulations.



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8. SPECIAL PROTECTION INFORMATION

Pertains to dust or chips as a by-product of fabricating finished sheet

VENTILATION RECOMMENDATIONS: General ventilation when fabricating and nuisance dust control

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY 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.

9. SHIPPING, TRANSFER AND STORAGE

SHIPPING INFORMATION: Non-hazardous for transportation purpose.

TRANSPORTATION AND STORAGE

USUAL SHIPPING CONTAINERS: Palletized sheet

STORAGE TRANSPORT: Sustained Temperatures above 150°F may cause slow degradation.

ELECTROSTATIC ACCUMULATION

HAZARD: No