

**1. Identification**

Product Identifier: **PVC Compound**

Manufacturer:  
Hohmann & Barnard, Inc.  
30 Rasons Court  
Hauppauge, NY 11788  
(631) 234-0600  
www.h-b.com

Telephone Numbers  
During normal business hours call: (800) 645-0616  
24-hour emergency call Chemtrec: (800) 255-3924

**2. Hazards Identification**

EMERGENCY OVERVIEW:

**Overexposure:** The physical state of this PVC compound should prevent any significant oral, ocular or dermal exposure. It is expected to be non-irritating chemically. This material is expected to be practically non-toxic by oral ingestion. Abnormal heating may lead to decomposition with the release of HCl thereby causing irritation of the eyes, skin, and/or respiratory tract. The compound contains organotin stabilizer. Some individuals have been shown to develop sensitization to tin compounds. Irritation of the skin, eyes, or respiratory tract may occur from exposure to HCl or organotin.

**Prevention:** Do not heat product or skin, eye, and respiration irritation may occur.

**Route of Exposure:** Inhalation due to overheating.

POTENTIAL HEALTH EFFECTS:

**Inhalation:** N/A.

**Skin:** None established for compound. ACGIH limit for organotin 100 g/M3.

**Ingestion:** Practically inert.

**Eyes:** N/A.

**Carcinogenicity:** This material contains vinyl chloride which is a cancer suspect agent. PVC meets RTECS criteria as an equivocal tumorigenic agent - tumors of the lungs, thorax or respiratory system; tumors of the skin (rat - oral). This material may contain trace amounts of vinyl chloride which is a cancer suspect agent. Polyvinyl chloride is listed by IARC, AS OF LISTING IN NTP Fourth Annual Report on Carcinogens, 1985. OSHA, as of 1/30/86, does not list polyvinyl chloride per se but requires labeling that it may contain vinyl chloride monomer which is listed as a cancer suspect agent.

**3. Composition/Information on Ingredients**

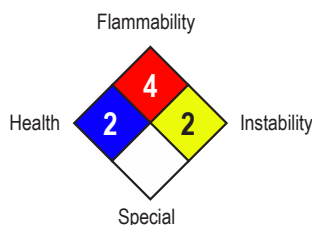
Component	% (WT or VOL)	ACGIH TWA (Units)	ACGIH STEL (Units)	OSHA PEL (Units)
Vinyl Chloride	< 0.0002	5ppm	N/A	5ppm/15M CI
Organotin	3	0.1mg/m3 (as tin)*	1ppm/8H TWA	

\* For all "organic tin compounds." This value is not specific to this compound. Dr. Herbert Stokinger, Chairman of the Threshold Limits Committee of ACGIH, stated the following: "Although the Committee fully appreciated the fact that there is a wide variation in toxicity among the various tin compounds, the lack of adequate toxicologic information on each of the various existing tin compounds and the possibility of still more to come has resulted in the only possible way to handle the problem, namely to set an extremely low level for the control of the most toxic of the Organotin compounds. In setting such a limit on the basis of the most toxic, exposures to other tin compounds are automatically controlled."

**Hazardous Material Information System (HMIS)**

Health	2
Flammability	4
Physical Hazard	0
Personal Protection	G

**National Fire Protection Association (NFPA)**



**HMIS & NFPA Hazard Rating Legend**

- \* = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

#### 4. First-Aid Measures

**INHALATION:** Remove victim to fresh air. Get medical attention if necessary.

**SKIN:** N/A.

**INGESTION:** Practically inert.

**EYES:** In the event of eye irritation due to HCl exposure, irrigate eyes with cool water for at least 15 minutes. Seek medical attention, if needed.

**NOTES TO PHYSICIANS/FIRST AID PROVIDERS:** No data found.

#### 5. Fire-fighting measures

**FLASH POINT:** 735°F (390°C) (ASTM D1929)

**EXTINGUISHING MEDIA:** Water, carbon dioxide or foam.

**HAZARDOUS COMBUSTION PRODUCTS:** No data found.

**FIRE FIGHTING PROCEDURES:** No Data Found.

**FIRE FIGHTER PROTECTION:** Use a self-contained breathing apparatus approved for acid vapors.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** PVC compound will not continue to burn after ignition without an external fire source.

Burning or temperatures at or above about 450°F (232°C) liberates HCl gas.

#### 6. Accidental release measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Vacuum, sweep, or shovel up immediately.

**WASTE DISPOSAL METHODS:** Approved landfill or high temperature modern incineration under controlled conditions due to formation of HCl.

**CLEAN WATER ACT REQUIREMENTS:** N/A

**RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS:** N/A

#### 7. Handling and storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in dry area below 100°F.

**OTHER PRECAUTIONS:** When opening truck or railcar for unloading, ventilate before entering.

**REGISTRATIONS/CERTIFICATIONS:** N/A.

#### 8. Exposure controls/personal protection

**ENGINEERING CONTROLS:** No data found

**ADMINISTRATIVE CONTROLS:** No data found

##### PERSONAL PROTECTIVE EQUIPMENT

**PROTECTIVE GLOVES:** N/A

**EYE PROTECTION:** Safety Glasses

**RESPIRATORY PROTECTION (SPECIFIC TYPE):** None under normal processing conditions.

**OTHER:** N/A

##### VENTILATION

**LOCAL EXHAUST:** Recommended for processing equipment when compound is heated.

**MECHANICAL (GENERAL):** N/A

**SPECIAL:** N/A

**OTHER:** N/A.

#### 9. Physical and chemical properties

Physical Form: Solid

Appearance: 4/32 inch cubes, various colors & transparencies

Color: No data found

Boiling Point: N/A

Melting Point: N/A

Freezing Point: No data found

Specific Gravity: 1.2 - 1.4

Density: No data found

Bulk Density: No data found

Viscosity: No data found

pH: N/A

Water Solubility: None

Solvent Solubility: No data found

Partition Coefficient-Octanol / Water: No data found

Molecular Weight: No data found

Decomposition Temp.: No data found

Taste: No data found

Odor: None

Odor Threshold: No data found

Vapor Pressure: < 0.1

Vapor Density: No data found

Evaporation Rate: N/A

VOC (Weight): No data found

VOC (Volume): No data found

Volatiles (Weight): No data found

Volatiles (Volume): No data found

Flash Point: >400°F (>204°C)

Flash Point Test: 735°F (390°C) (ASTM D1929)

Upper Explosion Limit: N/A

Lower Explosion Limit: N/A

Auto Ignition: No data found

Flammability (Solid, Gas): No data found

**10. Stability and reactivity**

**STABILITY:** Stable.

**HAZARDOUS DECOMPOSITION:** Slow release of HCl when heated above 450°F (232°C).

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Overheating.

**INCOMPATIBLE MATERIALS:** Polyvinyl chloride compounds should not come into contact with Acetal or Acetal copolymers in elevated temperature processing equipment. The two materials are not compatible and will react in a violent decomposition when mixed under conditions of heat and pressure.

**11. Toxicological information**

**ROUTES OF ENTRY:** Inhalation due to overheating of product.

**TARGET ORGANS:** No data found.

**EFFECTS OF OVEREXPOSURE:** The physical state of this PVC compound should prevent any significant oral, ocular or dermal exposure. It is expected to be non-irritating chemically. This material is expected to be practically non-toxic by oral ingestion. Abnormal heating may lead to decomposition with the release of HCl thereby causing irritation of the eyes, skin, and/or respiratory tract. The compound contains organotin stabilizer. Some individuals have been shown to develop sensitization to tin compounds. Irritation of the skin, eyes, or respiratory tract may occur from exposure to HCl or organotin.

**CARCINOGENICTY:** This material contains vinyl chloride which is a cancer suspect agent. PVC meets RTECS criteria as an equivocal tumorigenic agent - tumors of the lungs, thorax or respiratory system; tumors of the skin (rat - oral). This material may contain trace amounts of vinyl chloride which is a cancer suspect agent. Polyvinyl chloride is listed by IARC, AS OF LISTING IN NTP Fourth Annual Report on Carcinogens, 1985. OSHA, as of 1/30/86, does not list polyvinyl chloride per se but requires labeling that it may contain vinyl chloride monomer which is listed as a cancer suspect agent.

**12. Ecological Information**

No data available for this product.

**13. Disposal Considerations**

Dispose of according to local, state, and federal regulations for non-hazardous solid waste

**14. Transport information**

D.O.T. Shipping Information: Not data found.

I.M.O. Shipping Information: Not data found.

**15. Regulatory Information**

**FDA:** N/A

**USDA:** N/A

**CPSC:** Not listed in Hazardous Substances Labeling Guides.

**TSCA:** Mixture. CAS #9002-86-2

**DOT:** PROPER SHIPPING NAME: Plastic materials, other than foam, cellular, expanded or sponge.

HAZARD CLASS: N/A

LABEL REQUIRED: N/A

IDENTIFICATION NO.: N/A

OTHER PERTINENT INFORMATION: N/A

**OSHA:** May contain trace amounts of vinyl chloride monomer, a cancer suspect agent. Check OSHA Regulations 29 CFR, Title 29, Chapter XVII, part 1910 to determine compliance with the Regulation, including whether VCM concentrations exceed the action level.

**16. Other information**

Issue Date: May 31, 2015

Revision Date: May 31, 2015

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