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aqua plus v board material safety data sheet

1. Identification of the Substance / Preparation and the Company / Undertaking

1.1. Products Identification: Aqua Plus V board

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2. Hazards Identification

Large quantities if respirable or ingested dust may cause nausea or headaches. If dust is produced during fabrication an approved air purifying respirator should be used.

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3. Composition/Information

Composition/Information		
Component	**CAS #**	**WT %**
Poly vinyl chloride resin	9002-86-2	> 70 %
Calcium carbonate	1317-65-3	< 20 %
Titanium dioxide	13463-67-7	< 10 %
Proprietary additives	Mixture	< 20 %

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4. Physical Data

Boiling point: Solid
Specific gravity (H_2O=1): 0.40–0.75
Vapor pressure: Solid
Melting point: Decomposes before melting
Solubility in water: Solid
Vapor density: Solid
Appearance and odor: Extruded profile

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5. Fire and Explosion Data

Flash point: Not applicable

Autoignition temperature: Not applicable

Flammable limits in air

- Lower: Not applicable
- Upper not applicable

Extinguishing media: Water spray (fog), foam, dry chemical or CO_2

Special fire fighting procedures:

- Cool exposed equipment with water spray.
- Use self-contained positive pressure breathing apparatus especially if fighting fire in confined spaces.
- Full protective clothing.
- Evacuate all personnel from danger area.

Unusual fire and explosion hazard: PVC evolves hydrogen chloride, carbon monoxide, carbon dioxide, and other toxic gases when burned. Exposure to combustion products may be fatal and should be avoided

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6. Health Hazard Information

Pertains to dust or chips as a by-product of fabrication.

First Aid

Eyes: Immediately flush with plenty of water. Call physician if irritation persists.
Skin: Flush skin with plenty of water. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse.
Inhalation: Remove to fresh air. If respiratory irritation exists or if symptoms persist, obtain medical attention.
Ingestion: Seek medical aid.

Nature of Hazard

Eyes: If exposed to high concentration of dust, physical irritation to the eyes may occur.
Skin: This material is not expected to present a hazard to the intact skin. Molten material 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 can be reasonably anticipated.

Exposure Limits

Non established. Not applicable

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: See above.

Special Precautions
Avoid inhalation of combustion products.

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7. Reactivity Data

Conditions contributing

- To instability: Not applicable
- To incompatibility: Not applicable
- To hazardous decomposition products: Hydrogen chloride, carbon monoxide, carbon dioxide and other toxic fumes generated with combustion.
- To hazardous polymerization: Not applicable

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8. Spill or Leak Procedures

When producing chips or dust from fabrication, sweep, scoop or vacuum and remove.

Dispose of only in accordance with local, state, provincial, federal regulations.

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9. Special Protection Information

Pertains to dust or chips as a by-product of fabrication.

Ventilation Recommendations

General ventilation when fabricating and nuisance dust control.

Specific Personal Protection Equipment

Respirator protection: If dust is produced during handling, an approved particular filter respirator should be used.
Eyes: Safety glasses or goggles.
Gloves: Necessary when handling hot or molten profile.
Other clothing & equipment: As necessary when handling hot or molten profile.

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10. Shipping, Transfer and Storage

Shipping information: Non-hazardous for transportation purposes.

Transportation and Storage

Usual shipping containers: Crates, boxes or bundles.
Storage transport temperature: Temperature above 150 degrees Fahrenheit may cause slow degradation.
Electrostatic accumulation hazard: Yes

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11. Regulatory Information

WHMIS classification exempt, manufactured article.
Dated: January 25, 2013
MSDS #: PVC-06

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12. Disclaimer of Liability

Goldensign Company believes that such information is accurate and reliable as to the date of this Material Safety Data Sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. In addition, no responsibility can be assumed by Vi-Lux for any damages or injury from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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