World-Pak Division, Inteplast Group, Ltd.  
Material Safety Data Sheet

MANUFACTURER  
World-Pak Division, Inteplast Group, Ltd.  
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Phone: (361) 874-3762 Fax: (361) 874-3984  
Emergency: 800-424-9300 (CHEMTREC)

MSDS No: WP-PVC Board  
Preparation Date: 06/13/2014  
Supersedes Date: 06/02/2011

1. PRODUCT IDENTIFICATION

Product Name: PVC Board  

Chemical Family: Polymer of Chlorinated Hydrocarbon  
Chemical Name: Polyvinyl Chloride  
CAS No: 9002-86-2

Synonyms: Expanded Foam PVC Sheet, Integral Skin Expanded Foam PVC Sheet, PVC Wood sheet, Celuka PVC Sheet, Wood/PVC Composite Sheet, Co-extruded PVC Board

Formula: Proprietary  
Technical Information: (361) 874-3762

2. PRODUCT INGREDIENTS

<table>
<thead>
<tr>
<th>No.</th>
<th>Components</th>
<th>CAS No.</th>
<th>Percent (%)</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PVC</td>
<td>9002-86-2</td>
<td>50 - 100%</td>
<td>5 mg/M³ (respirable dust)</td>
</tr>
<tr>
<td>2</td>
<td>Proprietary Mixtures</td>
<td>0 - 50%</td>
<td>Not established</td>
<td></td>
</tr>
</tbody>
</table>

3. PHYSICAL/CHEMICAL PROPERTIES

Physical Form: Solid Sheet  
Color: Finished sheet with colors specified  
Odor: Insignificant  
Boiling Point: Not applicable  
Melting Point: Not established  
Freezing Point: Not applicable  
Solubility in Water: None  
Specific Gravity: 0.4 - 2.0 (water = 1)  
Vapor Density: Not applicable (air = 1)  
Evaporation Rate: None (Butyl Acetate = 1)  
Vapor Pressure: Not applicable  
% Volatile: None  
pH: Not applicable

The physical data presented above are typical values and should not be construed as a specification.

4. FIRE HAZARD DATA AND FIGHTING METHOD

Flash Point: Not applicable  
Autoignition: Not applicable  
Flammable Limits  
In Air (LEL, %) Not applicable  
(UEL, %) Not applicable

Extinguishing Media: Dry chemical, foam water, or carbon dioxide

Special Fire Fighting Procedure:  
In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water or carbon dioxide to extinguish fire.

Unusual Fire and Explosion Hazards:  
This product is nonflammable and nonexplosive under normal conditions of use. It will not continue to burn after ignition without an external fire source. When forced to burn, the major
gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.

5. HUMAN HEALTH DATA

Emergency Overview: During a fire emergency, avoid inhalation, eye and skin contacts.
Primary Route(s) of Exposure: Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure

Eye Contact: Dust may cause eye irritation
Skin Contact: May cause skin irritation
Inhalation: May cause discomfort in nose and throat
Ingestion: Unlikely

Medical Conditions Aggravated by Overexposure:
Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence that this product aggravates an existing medical condition.

Carcinogenicity: NTP: No IARC: No OSHA: No

6. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.
Skin Contact: Wash affected skin areas with soap and water. If irritation develops, get medical attention immediately.
Inhalation: Remove subject to fresh air. If symptoms develop, seek immediate medical attention.
Ingestion: Unlikely.

Notes to Physician: Treat symptomatically and supportively.
Other Instructions: Never give anything by mouth to an unconscious person.

7. EXPOSURE CONTROLS, PERSONAL PROTECTION RECOMMENDATIONS

Eye Protection: Wear safety glasses during sheet cutting or fabricating process
Skin Protection: Wear gloves and long sleeved clothing when cutting or fabricating sheets.
Respiratory Protection: Use NIOSH/MAHA approved dust respirators as needed.
Engineering Control: Ventilation Requirements – Local Exhaust
Required Work/Hygiene Procedure: Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling, especially before eating, drinking, smoking, chewing, or using restroom facility.

Exposure Guidelines:

<table>
<thead>
<tr>
<th>No.</th>
<th>Components</th>
<th>OSHA-PEL</th>
<th>ACGIH-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PVC</td>
<td>5 mg/M³ (as respirable dust)</td>
<td>10 mg/M³ (as nuisance dust)</td>
</tr>
</tbody>
</table>

8. ACCIDENTAL RELEASE CONTROL MEASURES

Response to Spills: Not applicable

9. HANDLING AND STORAGE

Handling: Use with care. Wear gloves if necessary when cutting or fabricating sheet.
Storage: Store in a cool dry, well-ventilated area away from sources of extreme heat or fire.
Container Use: Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: Avoid fire or elevated temperature above 250°C.
Hazardous Decomposition: If burned, it will generate carbon dioxide, carbon monoxide and hydrogen chloride.
Hazardous Polymerization: Will not occur

11. DISPOSAL CONSIDERATIONS

Disposal Method: It must be disposed of in accordance with Federal, State and local environmental control regulations.
Recycle/Reclaim: Recycling of PVC sheet should be encouraged where possible.

12. TRANSPORT INFORMATION

DOT Shipping Name: Not listed
13. TOXICOLOGICAL INFORMATION

The information provided below can be subject to misinterpretation. Therefore, it is essential that the following information be interpreted by individuals trained in its evaluation.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Toxicity Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC</td>
<td>ori-rat TDLo: 210 g/kg/30W-C:ETA</td>
</tr>
</tbody>
</table>

14. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this product on the environment. Neither COD nor BOD data are available.

15. REGULATORY INFORMATION

**FEDERAL REGULATORY INFORMATION**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<tbody>
<tr>
<td>OSHA Status:</td>
<td>Not listed</td>
</tr>
<tr>
<td>EPA Clean Air Act Status:</td>
<td>Not listed</td>
</tr>
<tr>
<td>EPA Clean Water Act Status:</td>
<td>Not listed</td>
</tr>
<tr>
<td>TSCA Status:</td>
<td>PVC is listed on TSCA Inventory (40 CFR710)</td>
</tr>
<tr>
<td>CERCLA RQ:</td>
<td>Not listed</td>
</tr>
<tr>
<td>SARA Title III PVC</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 302*</th>
<th>Section 313**</th>
<th>Section 311/312***</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

*Reportable quantity of extremely hazardous substance, Sec. 302
**Threshold planning quantity, extremely hazardous substance, Sec. 302
***Toxic chemical. Sec. 313
**Category as required by Sec 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.
***Hazard category for SARA Sec.311/312 reporting H1=acute health hazard, H2=chronic health hazard, P3=fire hazard, P4=sudden release of pressure hazard, P5=reactive hazard

**RCRA Status:** The product is not an RCRA hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

**OTHER REGULATORY INFORMATION**

The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

<table>
<thead>
<tr>
<th>State</th>
<th>Chemical</th>
<th>Regulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Texas</td>
<td>PVC</td>
<td>Effects Screening Level (ESL) List: short term 50 ug/M³; long term 5 ug/M³</td>
</tr>
<tr>
<td>California</td>
<td>PVC</td>
<td>Proposition 65: warning – this product contains a chemical, residual VCM, known to the state of California to cause cancer</td>
</tr>
</tbody>
</table>

**Product Name:** PVC Sheet

**International**

United Kingdom Occupational Exposure Standards: TWAs total inhalable dust 10 mg/M³; Respirable dust 5mg/M³

**Germany MAK Value:** fine dusts 5 mg/M³ MAK

16. OTHER INFORMATION
<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire – 1</td>
<td>Health - 0</td>
</tr>
<tr>
<td>Health – 0</td>
<td>Flammability - 1</td>
</tr>
<tr>
<td>Reactivity – 0</td>
<td>Reactivity - 0</td>
</tr>
<tr>
<td>Specific Hazard – None</td>
<td>Personal Protection Index - E</td>
</tr>
</tbody>
</table>

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