Inteplast Building Products PVC Plant Safety Data Sheet

1. Identification

Identification of the substance

Product Code: Inteplast Deck, Inteplast Deck X-STRONG, Inteplast Porch, Inteplast Trim, Inteplast Siding, Inteplast Exterior Moulding, Inteplast Millwork, Inteplast Trim, Inteplast Sheet, Veranda HP, InteFoam®, InteCel®, InteCel® PW, Wolf Decking, Wolf Porch, Wolf Trim, Wolf Builders Mark Trim™ , Wolf Portrait Siding.

Product Description: Polyvinyl chloride panels or boards in various colors and dimensions with or without cap.

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

Use(s) of the substance: Graphic art or construction

Restriction(s) on use of the substance: None known

Company Identification

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2. Hazard(s) Identification

Physical Appearance: Panels or boards in various colors and dimensions.

Immediate Concerns: Rough edges of the products could result in minor cuts to hands. Appropriate gloves and long sleeve shirt should be worn to prevent cuts and/or scraps.

OSHA Hazard Category: Combustible dust

GHS Hazard Categories: Not classified

Signal Word: Warning! This product as shipped is not classified as a combustible dust; however, a combustible concentration of dust may occur if fine powders accumulated or suspended in an enclosed or confined area (e.g. from cutting or sanding the product).

Pictogram: There is no pictogram for a combustible dust hazard

Rough edges of the products could result in minor cuts to hands. Appropriate gloves should be worn to prevent cuts and/or scraps.

Dust and flying chips are generated during cutting and sawing process. They can cause irritation to the skin, eyes and respiratory symptoms. Proper PPE, such as safety glasses, respirator and long sleeve shirt should be worn during operation.

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. Adequate ventilation should be provided to minimize exposures to vapors or fumes.

When cutting, shaping or modifying the boards, other hazards may exist.

Potential Health Effects

Eyes: Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.

Skin: Wash affected skin areas with soap and water. If irritation develops, get medical attentions immediately.

Ingestion: Consult physician.

Inhalation: Remove subject to fresh air. If symptoms develop, seek immediate medical attention.

3. Composition and Information on Ingredients

The primary composition of this product is PVC. This product contains a proprietary blend of components encapsulated within a polymer matrix.

Chemical Name	CAS Number	Wt. %	OSHA PEL
PVC	9002-86-2	50-100	5mg/m^3 (respirable dust)
Proprietary	Mixtures	0-50	Not established

4. First Aid Measures

The following should applies the PVC boards be cut, sanded or otherwise processed which generates dust, debris or vapors.

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.

Skin: Wash affected skin areas with soap and water. If irritation develops, get medical attention immediately.

Ingestion: Consult physician.

Inhalation: Move to fresh air. If irritation persists or breathing is difficult, get medical attention.

Other Instructions: Never give anything by mouth to an unconscious person

5. Fire Fighting Measures

Extinguishing Media: Foam, dry chemical, carbon dioxide (CO_2), water spray

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, and hydrogen chloride.

Explosion Hazard: This product is nonflammable and nonexplosive under normal conditions of use. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Special protective equipment for firefighters: Use self-contained breathing apparatus and full protective gear.

Sensitive to Static Discharge: Static discharge could be an ignition source for a combustible concentration of dust.

6. Accidental Release Measures

As supplied, the product presents no risk of spill or release.

7. Handling and Storage

Precautions for Safe Handling: Wear safety glasses during cutting and fabricating processes. Electrostatic charge may build up during handling. Grounding of equipment is recommended.

Handling: Appropriate gloves and long sleeve shirt should be worn to prevent cuts and/or scraps. If the product is cut or sanded, avoid exposure to dust and debris. Provide appropriate local ventilation at machinery and at places where dust can be generated. In addition, wear suitable respiratory equipment to avoid breathing dusts.

Storage: Store in a cool dry, well-ventilated area away from sources of extreme heat or fire.

8. Exposure Controls and Personal Protection

Occupational Exposure Limits:

Number	Components	OSHA-PEL	ACGIH-TLV
1	PVC	5 mg/m^3 (as respirable dust)	10 mg/m^3 (as nuisance dust)

Engineering Controls: Ventilation Requirements – General ventilation should be sufficient. However, if operating conditions create high airborne concentrations of this material, special ventilation may be needed. If handling results in dust generation, special ventilation may be needed to ensure that dust exposure does not exceed the OHSA PEL for nuisance dust.

Personal Protective Equipment

Respiratory Protection: Not required under normal handling and processing. Should conditions exist that require respiratory protection, for example while cutting or sanding generating dusts, a NIOSH/MSHA approved respirator should be worn.

Eye Protection: When cutting or processing the product, wear safety glasses with side shields.

Body Protection: Wear protective gloves and long sleeve shirt to avoid incidental cuts or scraps that could occur when handling the edges of product.

9. Physical and Chemical Properties

Physical Form: Foam sheets or panels
Specific Gravity: 0.4 to 2.0 (water = 1)
Appearance: Solid sheets or panels with various colors and dimensions
Odor: Insignificant

Solubility in water: Insoluble
Melting Point: Not Applicable
Flash Point: Not Applicable
Auto Ignition Temp: Not Applicable

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

10. Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: Do not store product near heat or flame. When cutting or sanding, minimize dust generation and accumulation. Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: If burned, it will generate carbon dioxide, carbon monoxide and hydrogen chloride.

11. Toxicological Information

Acute Toxicity

Skin Irritation: Not expected to cause skin irritation.
Eye Irritation: Mechanical eye irritation
Sensitization/Allergic Reaction: No sensitizing effects known
Respiratory Irritation: May cause respiratory irritation

Repeated dose toxicity: Based on available data, the classification criteria are not met.

Chemical	Toxicity Data
PVC	orl-rat TDLo: 210 g/kg/30W-C:ETA

12. Ecological Information

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

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available.

13. Disposal Considerations

Disposal Method

(1) Recycle (reprocess) and reclamation of the product should be encouraged where possible.

(2) Incineration including energy recovery of waste material in a permitted facility in accordance with local, state or provincial and federal regulations.

(3) Landfilling in a licensed facility in accordance with local, state or provincial and federal regulations.

14. Transport Information

This product is not regulated as a hazardous material/dangerous good for transportation. This product is not regulated by US DOT, IMO, and IATA. It is not applicable for UN/NA number, hazard label, hazard placard, packing group, bulk packaging, RQ, and emergency response guide (ERG) number.

15. Regulatory Information

United States

U.S. Toxic Substances Control Act (TSCA): All component(s) comprising these products are compliant with TSCA. These products have no special requirements under TSCA (e.g. consent orders, test rules, 12(b) requirements, etc.).

OSHA Hazard Communication Rule: This product is not considered a hazardous material as shipped or at temperatures below the melting point according to OSHA definitions.

SARA Title III: This product is not subject to SARA Title III requirements.

SARA Section 302 Toxic Chemical List: No components listed.

SARA Section 313 Toxic Chemical List: No components listed.

Other Regulatory Information:

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

State	Chemical	Regulation
Texas	PVC	Effects Screening Level (ESL) List: short term 50 µg/m^3; long term 5 µg/m^3
California	PVC and proprietary	Proposition 65: warning- product contains a chemical(s), known to the state of California to cause cancer and birth defects or other reproductive harm.

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International

United Kingdom Occupational Exposure Standards: TWAs total inhalable dust 10 mg/m^3 TWA; Respirable dust 5mg/m^3

Germany MAK Value: fine dusts 5 mg/m^3 MAK

16. Other Information

HMIS Ratings:	**Health:**	**0**
	Flammability:	**1**
	Physical Hazard:	**0**

Revision: 2017-08-04

Revision Changes: Changed format to 16 Section Safety Data Sheet (SDS) to comply with OSHA HazCom Standard update published in the Federal Register of March 26, 2012 and the UN Global Harmonization System of Classification and Labeling of Chemicals (GHS) requirements.

Refer to NFPA 652, Standard for Combustible Dusts, and NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

Disclaimer:
This Safety Data Sheet (SDS) conforms to the U.S. Department of Labor Occupational Safety and Health Administration requirements in 29 CFR 1910.1200 and is an integral part of any **"RIGHT TO KNOW"** program. This information should be read by the customer and made available to anyone who has reason to use or to come in contact with this product.

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