

#### 1. Identification

#### Identification of the substance

**Product Code:** INTEPRO<sup>®</sup> Polyethylene Board, all grades. **Product Description:** Fluted plastic board in various colors

**Synonyms:** Corrugated PE sheets; PE profile sheets; INTEPRO® PE sheets.

Use(s) of the substance: Product intended for use in a wide range of panel/sheet applications in graphics,

packaging, auto parts, etc.

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

# **Company Identification**

World-Pak Division, Inteplast Group Corporation 101 Inteplast Blvd., Lolita, Texas 77971 Phone: (361) 874-3760 Fax: (361) 874-3982

**Emergency Telephone:** (361) 874-3760

# 2. Hazard(s) Identification

Physical Appearance: Fluted polyethylene boards that are translucent or in various colors

Immediate Concerns: When using or handling INTEPRO® PE boards, as supplied, there are very low

hazards.

**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 fines are suspended in air (e.g. from cutting or sanding the INTEPRO<sup>®</sup> PE boards).

**Pictogram:** There is no pictogram for a combustible dust hazard.

Rough edges of INTEPRO<sup>®</sup> PE boards could result in minor cuts to hands. Appropriate gloves should be worn to preventcuts and/or scraps.

Avoid contact with strong oxidizing agents.

When working with the INTEPRO® PE boards at hot temperatures, the material may begin to decompose producing fumes that can contain carbon dioxide, carbon monoxide, and other unidentified organic compounds that come from the breakdown of the materials used to make the boards. Adequate ventilation should be provided to minimize exposures to fumes.

When cutting, shaping or modifying INTEPRO® PE boards, other hazards may exist.

### **Potential Health Effects**

**Eyes:** Dust from cutting may result and mechanically irritate the eyes; if using elevated temperatures, vapors may irritate eyes.

**Skin:** Cuts or scraps referenced above; if using elevated temperatures to soften the INTEPRO® PE boards, exposure to molten resin may cause thermal burns.

**Ingestion:** Dust or debris from cutting may irritate the throat, mouth and stomach.

**Inhalation:** Inhalation of fine dust, from cutting or sanding, may cause irritation of the respiratory system; inhalation of vapors from use of elevated temperatures may also cause irritation of the respiratory system.



## 3. Composition and Information on Ingredients

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

 Chemical Name
 CAS Number
 Wt. %

 HDPE
 9002-88-4
 50-100

Proprietary Mixtures 0-50

#### 4. First Aid Measures

The following applies should the INTEPRO® PE 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 aphysician.

**Skin:** Get medical attention for serious burns. In case of skin contact with hot INTEPRO® material, immediately immerse in or flush with clean, cold water.

Ingestion: Consult physician.

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

# 5. Fire Fighting Measures

**Extinguishing Media:** Foam, dry chemical, carbon dioxide (CO<sub>2</sub>), water spray

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide, and other possible toxic combustion products.

**Explosion Hazard:** 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:** 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 containing Titanium dioxide and/or carbon black.

**Storage:** Store in a dry place and away from direct sunlight. Keep away from heat, flame and strong oxidizing agents.

## 8. Exposure Controls and Personal Protection

Occupational Exposure Limits: Not applicable.

**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 to avoid incidental cuts or scraps that could occur when handling the edges of product.

## 9. Physical and Chemical Properties

PhysicalForm: Fluted boards

Specific Gravity: 0.7 to 1.2 (water = 1)

**Odor:** Insignificant

Solubility in water: Insoluble

Melting Point: 120 – 130°C (248 - 266°F)

Flash Point: N/A

**Auto Ignition Temp: N/A** 

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: No dangerous decomposition products known.

# 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

Repeated dose toxicity: No known chronic health effects.

Last Revision: February 15, 2018 SDS, INTEPRO ® PE Boards, Inteplast Group Corporation



## 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 INTEPRO® 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. RegulatoryInformation

### **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.

#### Canada

Domestic Substances List (DSL): All component(s) comprising this product are compliant with the DSL.

WHMIS (Workplace Hazardous Materials Information System): This product is not considered a controlled substance under WHMIS. This SDS meets WHMIS format requirements.

## 16. Other Information

### **HMIS Ratings:**



Health: 0
Flammability: 1
Physical Hazard: 0

Revision: 2018-02-15

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.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of World-Pak Division, Inteplast Group, Corporation. Neither World-Pak Division, Inteplast Group Corporation nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist. World-Pak Division, Inteplast Group Corporation assumes no legal responsibility for loss, damage or expense arising out of, or in any way connected with, the handling, storage, use or disposal of this product.