

Inteplast Group, Ltd.

Material Safety Data Sheet

MANUFACTURER

MSDS No: WP-PE Profile

World-Pak Division, Inteplast Group, Ltd.
101 Inteplast Blvd., Highway 1593, Lolita, Texas 77971
Telephone: (361) 874-3714 Fax: (361) 874-3982

Preparation Date: 03/15/2006
Supersedes Date: 02/01/1995

Emergency: 800-424-9300 (CHEMTREC)

1. PRODUCT IDENTIFICATION

Product Name: IntePro Polyethylene Sheets, All Grades
Product Code: IntePro PE Sheets
Chemical Family: Polyolefin
Chemical Name: Polyethylene Compounds
CAS No: Not Applicable
Synonyms: IntePro PE Sheets, Corrugated PE Sheets, PE Profile Sheets
Formula: Proprietary
Technical Information: (361) 874-3714

2. PRODUCT INGREDIENTS

<u>No.</u>	<u>Components</u>	<u>CAS No.</u>	<u>Percent (%)</u>	<u>OSHA PEL</u>
1	High Density Polyethylene	9002-88-4	50 - 100%	Not established
2	Proprietary	Mixtures	0 - 50%	Not established

3. PHYSICAL/CHEMICAL PROPERTIES

Physical Form: Solid
Color: Finished sheets with colors specified
Odor: Insignificant
Boiling Point: Not applicable
Melting Point: 120 – 130°C
Freezing Point: Not applicable
Solubility in Water: None
Specific Gravity: 0.7- 1.2 (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, carbon dioxide or foam
Special Fire Fighting Procedure: In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with foam or dry chemical. Do not use water jet.
Unusual Fire and Explosion Hazards: Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.

5. HUMAN HEALTH DATA

Emergency Overview: Practically nontoxic
Primary Route(s) of Exposure: Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure

Negligible hazard at room temperature under normal use.

Eye Contact: Solid flake or dust may cause transient irritation as a result of mechanical abrasion.

Skin Contact: Essentially no irritation to skin. Mechanical injury only. Hot solid may cause thermal burns.

Inhalation: Exposure to dust at high concentration may cause irritation to respiratory tract.

Ingestion: May cause choking if swallowed.

Medical Conditions

Aggravated by

Overexposure: Not expected. IntePro is generally accepted as being biologically inert. No specific antidotal treatment, symptomatic support required.

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 or other symptoms occur, consult a physician.

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

Inhalation: Remove to fresh air. Consult physician if irritation of respiratory passage occurs.

Ingestion: Consult physician.

Notes to Physician: No known delayed effects following single exposure.

Other Instructions: None

7. EXPOSURE CONTROLS, PERSONAL PROTECTION RECOMMENDATIONS

Eye Protection: Safety glasses

Skin Protection: Gloves required when handling hot material

Respiratory Protection: None required in normal use of product. NIOSH approved dust mask recommended if dust conditions exist.

Engineering Control: Ventilation Requirements – General
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 OSHA PEL for nuisance dust.

Required Work/Hygiene

Procedure: Minimize contact with skin. Do not eat, drink or smoke in work area. Wash hands thoroughly after handling, especially before eating drinking, smoking, chewing or using restroom facility. Dusted clothing and shoes should be thoroughly cleaned before use.

Exposure Guidelines:

<u>No.</u>	<u>Components</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
1	Polyethylene	None	None

8. ACCIDENTAL RELEASE CONTROL MEASURES

Response to Spills: Not applicable

9. HANDLING AND STORAGE

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

Storage: Store in a dry place and away from direct sunlight.

Container Use: Keep container closed.

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Strong oxidizers

Hazardous

Decomposition: Carbon dioxide, carbon monoxide

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 and reclamation of IntePro should be encouraged where possible.

12. TRANSPORT INFORMATION

DOT Shipping Name: Not listed

DOT Label: Not regulated

DOT Hazard Class: Not applicable

UN/NA Number: Not applicable

Hazard Label(s): Not applicable

Hazard Placard(s): Not applicable

Packing Group: Not applicable

Bulk Packaging: Not applicable

RQ: Not applicable

Emergency Response

Guide (ERG) No.: Not applicable

13. TOXICOLOGICAL INFORMATION

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

Chemical

Polyethylene

Toxicity Data

No toxicology data available

Polyethylene is not considered hazardous materials under the OSHA Hazard Communication Standard

14. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this product on the environment. Neither COD or BOD data are available.

15. REGULATORY INFORMATION

FEDERAL REGULATORY INFORMATION

Polyethylene

OSHA Status: None
EPA Clean Air Act Status: None
EPA Clean Water Act Status: None
TSCA Status: All ingredients are listed on TSCA Inventory (40 CFR710)
CERCLA RQ: None

SARA Title III

Polyethylene

Section 302*

None

Section 313**

None

Section 311/312***

None

*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: If disposed of in its purchased form, this would not be a RCRA hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product used 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.

State

None

Chemical

Polyethylene

Regulation

None

Product Name: IntePro Polyethylene Sheets

International

None

16. OTHER INFORMATION

NFPA

Fire – 1
Health – 0
Reactivity – 0
Specific Hazard – None

HMIS

Health - 0
Flammability - 1
Reactivity - 0
Personal Protection Index - E

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