

Material Safety Data Sheet - HydroBLOC™

Preparation Date: October 2010

Section 1 – Product and Company Identification

Trade Name: HydroBLOC™
Product Name: IntePro Polypropylene Boards
Chemical Family: Polyolefin
Chemical Name: Ethylene-Propylene Copolymer
CAS Number: Not Applicable
Synonyms: Corrugated PP Boards, PP Profile Boards, IntePro PP Sheets
General Use: Waterjet Brick
Distributor: Barton International, Six Warren Street, NY 12801 USA
Telephone: (518) 798-5462 (8:00 AM – 5:00 PM EST), Fax: (518) 798-5728
Emergency Phone: (518) 798-5462 or (518) 251-2296 or (518) 542-4017

Manufacturer: World-Pak Division, Inteplast Group, Ltd.
101 Inteplast Blvd., Highway 1593, Lolita, Texas 77971 USA
Telephone: (361) 874-3714, Fax: (361) 874-3982
Emergency: 800-424-9300 (CHEMTREC)

Section 2 – Product Ingredients

	Ingredient Name	CAS Number	Percent (%)	OSHA PEL
Primary Ingredient:	Polypropylene Copolymer	9010-79-1	50 – 100%	Not established
Secondary Ingredient:	Proprietary	Mixtures	0 – 50%	Not established

Section 3 – Physical / Chemical Properties

Physical State:	Solid	Water Solubility:	Not soluble in water
Appearance:	Finished sheets	Freezing Point:	Not Applicable
Odor:	Insignificant	Boiling Point:	Not Applicable
Vapor Pressure:	Not Applicable	Melting Point:	150 - 170° C
Vapor Density (Air = 1):	Not Applicable	% Volatile:	None
Specific Gravity (H₂O = 1):	0.7 – 1.2	Evaporation Rate:	None
pH:	Not Applicable		

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

Section 4 – Fire Hazard Data and Fighting Method

Flash Point: Not Applicable
Autoignition: Not Applicable
Flammable Limits in Air (LEL, %) Not Applicable
Flammable Limits (UEL, %) Not Applicable
Extinguishing Media: Dry chemical, carbon dioxide or foam
Special Fire Fighting Procedure: Thermal decomposition may occur at temperatures greater than 390°C. In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with water, foam or dry chemical. Do not use water jet.
Unusual Fire or Explosion Hazards: Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.

Section 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

Section 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

Section 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:	

No.	Components	OSHA-PEL	ACGIH-TLV
1	Polypropylene Copolymer	None Nuisance dust: 10 mg/M ³ TWA	None

Section 8 – Accidental Release Control Measures

Response to Spills:	Not Applicable
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Section 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.

Section 10 – Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Strong oxidizers
Hazardous Decomposition:	Carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur.

Section 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 should be encouraged where possible.

Section 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 Packing:	Not applicable
RQ:	Not applicable
Emergency Response Guide (ERG) No.:	Not applicable

Section 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	Toxicity Data
Polypropylene copolymer	No toxicology data available Polypropylene is not considered hazardous materials under the OSHA Hazard Communication Standard

Section 14 – Ecological Information

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

Section 15 – Regulatory Information

Federal Regulatory Information

Polypropylene Board

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

Polypropylene Board

Section 302*	Section 313**	Section 311/312***
None	None	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 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.

State	Chemical	Regulation
None	Polypropylene Copolymer	None

Product Name: IntePro PP Boards

International

None

Section 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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