



MATERIAL SAFETY DATA SHEET

HMIS
 H = 1
 F = 0
 R = 0
 PPE = See Section 8

Section I

Manufacturer: Siplast, an Icopal Group Company
 (800) 643-1591 or (800) 922-8800

Address: 1000 E. Rochelle Blvd., Irving, TX 75062

Emergency Phone No.: CHEMTREC, (800) 424-9300 (U.S.), (703) 527-3887 (outside of U.S.)

Product Class: Lightweight Concrete Decks

Trade Name: Insulcel[®]-PB Liquid Concentrate

Chemical Names and Family: Hydrolysated Polypeptide Condensate

Product Use: Protein Based Concentrate for Cellular-Concrete Foam

CAS # (Chemical Abstract Service): Proprietary

Transportation Hazard Classification United States DOT

Proper Shipping Name: Not applicable
 Hazard Class: Nonhazardous
 Identification #: Not applicable
 Label(s) Required: None
 Surface Freight Classification: Cellular concrete foam concentrate

Section II - Ingredients

INGREDIENT	EXPOSURE LIMITS	
	OSHA PEL	ACGIH TLV
Hexylene glycol CAS # 107-41-5	Not available	121 mg/m ³ - Ceiling Value 25 ppm - Ceiling Value
Peptide condensate CAS # Proprietary	Not available	Not available

INGREDIENT: (Chemical Name, CAS #, & Common Name)	% BY WT.	TOXICITY DATA: LD ₅₀ & LC ₅₀
Polypeptide - alkylene polyol condensate CAS # Proprietary	90-100	No toxicity data available
Hexylene glycol (2-Methyl-2, 4-pentanediol) CAS # 107-41-5	10% Max	Oral Rat. LD ₅₀ = 3,700 mg/kg Oral Rbt. LD ₅₀ = 8,760 mg/kg

Section III - Physical Data

Boiling Point: > 100°C (212°F)
Evaporation Rate (Butyl Acetate = 1): < 1
% Volatile by Volume: Unknown
Vapor Pressure (mm Hg.): < 0.05
Vapor Density (AIR =1): Unknown
Solubility in Water: Complete
Bulk Density (lb./cu. ft): 75
Appearance and Odor: Dark brown liquid with pungent odor.
Odor Threshold: Not determined
pH: 6 - 7.5
Specific Gravity (H₂O=1): Approx. 1.2

Section IV - Fire and Explosion Data

Flash Point: Not applicable
Method Used: Not applicable
Flammable Limits: LEL: Not applicable
UEL: Not applicable
N.F.P.A. Rating: H-1, F-0, R-0
Extinguishing Media: Product is noncombustible. However, in case of fire, keep containers cool by spraying or flooding with water.
Special Procedures: None
Unusual Hazards: None

Section V - Health Hazard Data

Routes of Exposure:

INHALATION: This product is not expected to generate vapors due to its low vapor pressure. Exposure by inhalation is therefore not expected to be a concern.
SKIN AND EYES: Eye contact with liquid may cause slight reversible irritation. Skin contact with liquid may result in mild to moderate irritation. Repeated skin contact may cause drying of skin.
INGESTION: May be slightly toxic if swallowed causing nausea and vomiting. Hexylene glycol present at 10% by weight or less is a known anesthetic and may cause signs of excitement followed by profound depression if ingested. No long-term (chronic) effects are known to occur from accidental ingestion of this product.
Carcinogenicity According to NTP, IARC and OSHA: Not applicable

Section VI - Reactivity Data

Stability: Stable X Unstable _____
Conditions to Avoid: None known
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide, alkenes and alkanes.
Hazardous Polymerization: May occur ____ Will not occur X
Conditions to Avoid: Not applicable

Section VII - Spill & Disposal Information - U.S. Only

If spilled, absorb with an inert, noncombustible material such as sand, vermiculite or soil and remove to containers for disposal.

Prevent liquid from entering sewers, waterways or low areas by diking flow of spill. Product is biodegradable but will cause foaming in water.

Product is not considered a hazardous waste by the U.S. EPA. Check with local and state agencies to determine if their regulations differ. Dispose of all waste in accordance with applicable regulations.

Section VIII - Special Protection Information

Warning Statements:

CAUTION! MAY CAUSE SLIGHT IRRITATION

Liquid contact with eye or skin may cause slight irritation.

Contains Hydrolysed peptide condensate (CAS # Proprietary) with hexylene glycol (CAS # 107-41-5).

Precautionary Measures:

Avoid contact with eyes, skin and clothing.
Do not consume food, drink or tobacco in areas where they may become contaminated with this product.

Wash thoroughly after handling.

Keep container tightly closed.

Respiratory Protection:

Not generally required.

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Ventilation:

Local Exhaust: Not generally required.

Mechanical: If used indoors, adequate building ventilation should be provided.

Special: Not applicable

Other: Not applicable

Skin Protection: Impervious rubber or synthetic rubber gloves are recommended when handling this product to prevent skin contact with liquid.

Eye Protection: Safety glasses with side shields are recommended to avoid eye contact. If gloves come into contact with liquid, avoid hand-to-eye movement to prevent secondary eye contact.

Other Protective Clothing or Equipment: Appropriate work clothes and boots.

Work/Hygienic Practices:

Use good personal hygiene and perform regular housekeeping at jobsite.

**Section IX - Emergency and First Aid
Procedures**

EYES: In case of eye contact, flush eyes with plenty of fresh, running water holding eyelids apart. If irritation persists, consult a physician.

SKIN: If skin contact occurs, promptly flush exposed area with plenty of water. Wash thoroughly with soap and water after handling. If irritation occurs and persists, consult a physician.

SWALLOWED: Give two glasses of water to drink and induce vomiting by sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.

**Section X - Government Reporting
Information - U.S. Only**

SARA Title III Reporting Information:

Tier I & II Hazard Categories: Not applicable

Contains Extremely Hazardous - SARA III Section 302 Ingredient: No

Contains Toxic Chemical Release - SARA III Section 313 Ingredient: No

Other Government Reporting Requirements: None required.

Non-hazardous Ingredient Disclosure: Not applicable.

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