Safety Data Sheet

Polypropylene Honeycomb **July 30, 2025**

1. Product and Company Identification

Product Identification: Polypropylene Honeycomb

Trade name: Polypropylene Honeycomb Core

Company Identification
ValuTex Reinforcements Inc.
2302 Kenskill Avenue
Washington Court House, Ohio 43160
800-251-2507

2. Composition

The material consists of a honeycomb core composed of polypropylene and polyethylene tubes that have been thermally fused together to form a solid block, which is then sliced into sheet form. The core is fusion bonded on both sides with polypropylene film and polyester spunbonded fabric.

3. Hazards Identification

Hazard Classification:

- Combustible Dust (OSHA-defined hazard, not classified under GHS)
  - May form combustible dust concentrations in air.

Precautionary Statements:

- Prevent dust accumulation to minimize explosion hazard.
- Avoid creating dust clouds during processing.
- Ensure proper ventilation in areas where dust is generated.

Potential Health Effects

Eye Contact: Solid or dust may cause irritation or corneal injury due to mechanical action.
Skin Contact: May cause itching or irritation due to mechanical abrasion. Skin absorption is unlikely due to physical properties.
Inhalation: Dust may cause irritation to nose and throat. Fumes or dusts generated from cutting or grinding operations may cause irritation of the upper respiratory tract and lungs.
Ingestion: Unlikely due to physical state, low toxicity if swallowed. No harmful effects anticipated from swallowing small amounts. May cause choking or blockage of the digestive tract if swallowed.

4. Information of Ingredients

Ingredient Name	CAS#	GHS Hazard Code	Other name	%
Trisnonyl Phenyl	26523-78-4	H317,H400 (M		20%

Phosphite		factor 1), H410 (M factor 1)		
1-Propene, Homopolymer	9003-07-0		Not available	80%
1-Propene polymer with ethene	9010-79-1		Not available	80%
1-Butene, polymer with 1-propene	29160-13-2		Not available	80%
1-Butene, polymer with ethene and 1-propene	25895-47-0		Not available	80%
Thermal bonded Polyester	25038-59-9		PET	100%

5. First Aid Measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.
Skin Contact: If burned by contact with hot material, flush skin immediately with large amounts of cold water. If possible, submerge the area in cold water. No attempt should be made to detach polymer adhering to the skin or to remove clothing attached with molten material. Thermal burns require immediate medical attention. Cold material: Wash with soap and water.
Inhalation: If affected by fumes from heated material, remove from source of exposure and move the affected person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep resting in a comfortable position for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

6. Fire Fighting Measures

Suitable extinguishing media: Use dry chemical powder, water or foam.
Specific hazards arising from the chemical: May be combustible at high temperatures
Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide.
Burning can produce carbon monoxide and/or carbon dioxide and other harmful products. The major decomposition products are low molecular weight oligomers (C6-18) of polypropylene. Degradation products may include trace amounts of acrolein, formaldehyde, aldehydes, and other organic vapors.
Special protective actions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from the fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

7. Accidental Release Measures

Safeguards: No protective measures required.

8. Handling and Storage

No specific requirements

9. Exposure controls / personal protection

Exposure Limits: None
Controls / Handling: The use of gloves, protective goggles and dust masks and also dust extraction equipment is recommended for operations including sawing, milling, grinding and sanding.

10. Physical and chemical properties

Appearance: Flat sheet; white
Odor: odorless
Vapor Pressure: N/A
Boling point: N/A
pH: N/A
Vapor Density: N/A

11. Stability and reactivity

Chemical Stability: This product is stable
Incompatibility with Other Materials: None reasonably foreseeable.
Decomposition: Will not occur.
Polymerization: Will not occur.

12. Toxicological Information

Polypropylene and Polyester Fibers are non-toxic.

13. Ecological Information

Ecotoxicological Information: Polypropylene and Polyester fibers is non-toxic. Dust and chips, however, should be kept out of waterways as it could be ingested by wildlife.
Chemical Fate Information: Polypropylene and Polyester fibers will not degrade biologically.

14. Disposal Considerations

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental

protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

15. Transport Information

DOT Non-Bulk: Not Regulated
DOT Bulk: Not Regulated
IMDG: Not Regulated
ICAO/IATA: Not Regulated

16. Regulatory Information

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312
Immediate (Acute) Health Hazard No
Delayed (Chronic) Health Hazard No
Fire Hazard No
Reactive Hazard No
Sudden Release of Pressure Hazard No
Superfund Amendments and Reauthorization Act of 1986 T itle III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
Toxic Substances Control Act (TSCA)
All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

17. Other Information

To the best of our knowledge, the information contained herein is accurate. However, ValuTex Reinforcements Inc assumes no 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 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.