



HONEYCOMB ENGINEERING

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**Material Safety Data Sheet**

**Carbon-Core Plastic Honeycomb**

**Revised: May 29, 2016**

**1. Chemical Product / Company Identification**

**Material Identification**      Honeycomb of Polypropylene

**Trade Names**                      **CarbonCore Plastic Honeycomb**

**Company Identification**

**Carbon-Core Corp.**

PO Box 332

Keswick, VA, 22947

Information Phone: (434) 510-7115

Facsimile Number: (434) 591-5957

Emergency Number: (434) 227-0839

**2. Composition / Information on Ingredients**

Honeycomb in sheet form made from fusion bonded Polypropylene Spunbond fabric. Some varieties may have surface coverings of Polyester Spunbond fabric and Polypropylene Film fusion bonded to both sides of the sheet.

**3. Hazards Identification**

**Emergency Overview:**

Polypropylene fibers and film and Polyester fibers are deemed non-hazardous as defined by OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Potential Health Effects:**

This product may contain up to three percent of a silicone fiber lubricant. These lubricants are toxicologically evaluated prior to product commercialization and have been found to be generally of a low order of acute oral and inhalation toxicity in animal and dermal toxicity in humans and do not present a significant health hazard in their normal handling and use. If in processing there is a potential to generate airborne concentrations of these oils as a mist, we recommend an airborne exposure limit of 5mg as particulate/m<sup>3</sup> as an 8-hour TWA.

**Carcinogenicity Information:**

None of the components in the polymer at greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

**4. First Aid Measures**

**Inhalation:** If exposure results from burning of the polymer, remove to fresh air and get medical attention.

**Skin:** Polypropylene and Polyester polymers are not irritating to the skin. Molten product should be cooled with water, but not pulled off. Get medical attention.

**Eyes:** Flush with water if irritation develops from exposure to cutting dust.

**Ingestion:** No special attention required.

## **5. Fire-Fighting Measures**

### **Flammable Properties:**

Flashpoint: Not Applicable. Material will burn in a fire.

Lower Explosive Limit: Not Applicable.

Upper Explosive Limit: Not Applicable.

Auto-Ignition Temperature: 380C

Hazardous Combustion Products: Carbon monoxide and oxides of antimony.

Unusual Fire and Explosion Hazards: Accumulation of dust could present a fire hazard.

**Extinguishing Media:** Water spray or fog, dry chemical, foam, or carbon dioxide.

**Fire Fighting Procedures:** Use MSHA/NIOSH approved breathing apparatus and protective gear.

## **6. Accidental Release Measures**

**Safeguards:** No protective measures required unless the polymer is involved in a fire. See section 5 if this occurs.

**Spill Clean Up:** Vacuum or sweep material for salvage or disposal.

## **7. Handling and Storage**

No special requirements other than to store away from sources of combustion.

## **8. Exposure Controls / Personal Protection**

Exposure Limit Values: Not Applicable.

Exposure Controls: The use of gloves, protective goggles and dust masks and also dust extraction equipment is recommended for operations including sawing, milling, grinding and sanding.

## **9. Physical and Chemical Properties**

Physical State: Flexible Sheet

Density: 5-40 Kg/M3

Color: Grey and White

Odor: Odorless

Melting Temperature: 165C

Solubility: Insoluble in: Water, acids, alkalis, aliphatic hydrocarbons

Soluble in: Ketones, aromatic or chlorinated hydrocarbons

## **10. Stability and Reactivity**

**Chemical Stability:** Stable under normal temperatures and pressures.

**Incompatibility with Other Materials:** None reasonably foreseeable.

**Decomposition:** Will not occur.

**Polymerization:** Will not occur.

## **11. Toxicological Information**

Polypropylene and Polyester Polymers are non-toxic.

## **12. Ecological Information**

**Ecotoxicological Information:** Polypropylene and Polyester polymer 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 polymer will not degrade biologically.

## **13. Disposal Considerations**

Polypropylene and Polyester polymer as supplied is not a RECRA hazardous waste. Chemical additions, processing or otherwise altering this material could, however, change this status. State and local regulations should be reviewed prior to disposal.

## **14. Transport Information**

Department of Transportation (DOT): Not Regulated

International Civil Aviation Organization (ICAO) Classification: Not Regulated

International Maritime Dangerous Goods (IMDG) Classification: Not Regulated

TDG Class (Canada): Not Regulated

## **15. Regulatory Information**

### **U.S. Federal Regulations:**

OSHA hazardous chemical according to 29 CFR 1910.1200: No

Subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: No

SARA Sections 311 and 312 hazard classification: No

Toxic Substances Control Act (TSCA): All components listed on inventory.

### **State Regulations:**

California Safe Drinking Water and Toxics Enforcement Act (Proposition 65): This product poses no significant risk to persons exposed during normal use.

## 16. Other Information

NFPA Ratings:

Health: 1  
Flammability: 1  
Reactivity: 0

NPCA-HMIS Ratings:

Health: 0  
Flammability: 0  
Reactivity: 0

Notice: NFPA and HMIS ratings involve data and interpretations that may vary from company to company and are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all information contained in this MSDS must be considered.

Additional Information

Label Statements:

**LOW HAZARD FOR USUAL INDUSTRIAL OR COMMERCIAL HANDLING**

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To the best of our knowledge, the information contained herein is accurate. However, Carbon-Core Corporation 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.