



## SYNLAWN MANUFACTURING MATERIAL SAFETY DATA SHEET

### A. **Identity**

Chemical name: Polyethylene fibers/Nylon fibers with polyurethane backing

Manufacturer: SYNLawn

2680 Lakeland Rd. SE

Dalton, GA 30721

Emergency telephone number: 1-866-796-5296

### B. **Hazardous Ingredients**

This product is considered to be a non-hazardous chemical under the Federal Occupational Safety and Health Administration Hazard Communication Standard 29CFR1910.1200

### C. **Physical Data**

Boiling Point: n/a

Vapor Pressure: n/a

Vapor Density: n/a

Melting Point: Polyethylene yarn 221<sup>0</sup> – 249<sup>0</sup>F/105<sup>0</sup> – 115<sup>0</sup>C

Nylon yarn 428<sup>0</sup> – 436<sup>0</sup>F/220<sup>0</sup> – 230<sup>0</sup>C

Specific Gravity: (H<sub>2</sub>O=1) 0.94 turf

Percent volatile by volume: n/a

Evaporation Rate: n/a/

Appearances: Solid

Odor: None

### D. **Fire Hazard Data**

Unusual fire and explosion hazards: None

Flashpoint: >600<sup>0</sup>F

Extinguishing Method: Water, Foam, Carbon Dioxide

Fire Fighting Equipment: Wear protective pressure, Self-contained, Breathing Apparatus

This product is resistant to damage and spreading of ignition in typical exposures such as lighted cigarette dropped on the surface.

### E. **Reactivity Data**

Stability: (Conditions to avoid) Polymer may decompose under fire conditions to give off hazardous products

Dissolution: Softening or discoloration may occur with yarn, phenol, formic acid, other acidic exposures below PH5

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides, Traces of Hydrogen Cyanide

Hazardous Polymerization: Will not occur



F. **Health Hazard Information**

No health hazards are evident from MSDS documentation of constituents of this product, in the form presented when installed and used for its intended application as a synthetic turf product.

G. **Environmental & Disposal Information**

Environmental Impact: This product is in compliance with the EPA RCRA backing standard TCLP in US Federal register to CRF261 for all heavy metals on that list.

Disposal Procedures: Safe for landfills; Can be processed and used as a combustible fuel where proper recycling facilities are available.

H. **Legal Disclaimer**

While the information set forth herein is believed to be accurate and complete as of the date hereof. SYNLawn™ makes no warranty with respect thereto and disclaims all liability from release thereon.

I. **Date of Issue**

2. April, 2007