



## MANUFACTURING MATERIAL SAFETY DATA SHEET

### A. **Identity**

Chemical name: Polyethylene fibers/Nylon fibers with polyurethane backing

Manufacturer: Crystal Products, Inc.  
2680 Abutment Rd.  
Dalton, GA 30721

Emergency telephone number: 1-800-685-1012

### 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: >625<sup>0</sup>F/320<sup>0</sup>C

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. Crystal Products, Inc. makes no warranty with respect thereto and disclaims all liability from release thereon.

I. **Date of Issue**

2.April, 2007