

**Material Safety Data Sheet**

updated: 12-18-2007

**1. PRODUCT & COMPANY IDENTIFICATION****Product Name:** HI SHRINK TAPE**Product Number:** --**Company Name & Address:** Dunstone Company, Inc., 2104 Crown View Drive, Charlotte, NC 28227 USA**Website:** [www.shrinktape.com](http://www.shrinktape.com)**Telephone Number:** 704-841-1380**Fax:** 704-841-1383**2. COMPOSITION/INFORMATION ON INGREDIENTS****HI SHRINK TAPE is made from:**

Material	CAS #	% Volume
Polyester Film	25038-59-9	100

Polyester Film is nothing but Polyethylene Terephthalate which is not considered as Hazardous under OSHA Hazardous communication Standard, 29CFR1910.1200 or S.A.R.A. Title III, Section 313.

**3. HAZARDS IDENTIFICATION****Emergency Overview****No known Health Hazards****Potential Health Effects:****Eye Contact:** May cause mechanical irritation with discomfort, tearing, or blurring of vision.**Skin Contact:** Molten Tape may stick to the skin and may cause severe burns.**Inhalation:** Decomposition products caused by overheating of the Tape may cause respiratory tract irritation.**Ingestion:** Not much effect**4. FIRST AID MEASURES****Eye:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

Call a physician.

**Skin:** The compound is not likely to be hazardous by skin contact but cleansing the skin after use is advisable.

If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin.

Obtain medical treatment for thermal burn.

**Inhalation:** No specific intervention is indicated, as the compound is not likely to be hazardous by inhalation.

However, if exposed to fumes from overheating or combustion, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if necessary.

**Ingestion:** Ingestion is not an expected route of exposure during normal use of the product. If ingested, consult a physician.**5. FIRE FIGHTING MEASURES****Flash Point:** N/A**Auto-Ignition temp:** No Data Available

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**Flammable & Reactivity Properties:** The product is not flammable. The Tape will burn if exposed to flame and may form decomposition and combustion products that may include acetaldehyde, carbon monoxide and other toxic gases.

**Suitable Extinguishing Media:** carbon dioxide, water spray, foam or dry chemical.

**Unsuitable Extinguishing Media:** No Data Available

**Guidance to fire Fighters:** Physical operations, such as grinding, can create dust and a potential dust explosion hazard. Under these conditions, follow National Fire Protection Association Code and Standards for handling combustible dusts.

**Protective equipments & precautions for fighters:** Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus. Wear full protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**Clean up Techniques:** Sweep up and recover, or mix material with moist absorbent and shovel into suitable chemical waste container.

**Personal Precautions:** Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists.

**Environmental Precautions:** No Data Available

### 7. HANDLING & STORAGE

**Handling:** Do not breathe vapors or fumes that may be evolved during processing. Material can be handled hot/molten. Contact can cause burns. Avoid contact with molten material. Avoid dust generation.

**Storage:** Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:**

Exposure Limit Values: **ACGIH TLV: Not Established**      **OSHA PEL: Not Established**

**Engineering Controls:** Use local ventilation to control fumes from hot processing. Use static controls. Static charges can build up and ignite dust or solvent laden atmospheres. Design precautions into processes that can create dust, such as pneumatic conveying systems, grinding and other physical operations. There is the potential for a dust explosion hazard.

**Personal Protective Equipments:**

Eye: Wear coverall chemical splash goggles when the possibility exists for eye or face contact from airborne material.

Skin: If there is potential for contact with hot/molten material, wear heat-resistant impervious clothing and footwear. Special protective clothing is not needed for normal use. Gloves are recommended as good industrial practice.

Respiratory: Respirators are not needed for normal use. Where airborne concentrations are expected to exceed exposure limits, a NIOSH approved respirator should be selected based on the form and concentration of the contaminant in air and in accordance with OSHA Respiratory Protection Standard CFR 1910.134

**General Hygiene Consideration: No Data Available**

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**9. PHYSICAL & CHEMICAL PROPERTIES**

**Form:** Solid (Tape)  
**Melting Range:** 255°-260°C Decomposes at 300°C  
**Vapor Pressure:** NDA  
**Vapor Density:** NDA  
**Specific Gravity:** 1.4 Kg/m<sup>3</sup>  
**%Volatile Volume:** NDA  
**%Water Volume:** NDA

**10. STABILITY & REACTIVITY**

**Chemical Stability:** Stable under normal conditions  
**Conditions to Avoid:** Keep away from Flame  
**Incompatible Materials:** NDA  
**Hazardous Decomposition Products:** Acetaldehyde, Carbon Monoxide and other toxic gases  
**Hazardous Polymerization:** Will not occur

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**  
Polyethylene Terephthalate **Oral ALD: > 10,000 mg/kg in rats**  
**Repeated Dose Effects:** NDA  
**Sensitization:** NDA  
**Carcinogenicity:** Not a known Carcinogen  
**Mutagenicity:** NDA  
**Developmental Effects:** NDA  
**Reproductive Effects:** NDA  
**Target Organ Effect:**  
Polyethylene Terephthalate is not a skin irritant, but is a mild eye irritant. Toxic effects from short exposures by inhalation resulted in no adverse effects. Toxic effects from short exposures by ingestion resulted in no adverse effects. Animal testing indicates that Polyethylene Terephthalate does not have carcinogenic, mutagenic, developmental or reproductive effects.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No toxicity data is available. The product is insoluble in water.

**13. DISPOSAL CONSIDERATIONS**

**Waste Product Disposal:**  
Polyester Tape is not classified as a hazardous waste under the Resource Conservation and Recovery Act and, unless prohibited by state or local regulation, can be disposed of in a municipal landfill or incinerated.

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**14. TRANSPORT INFORMATION**

**Shipping Name:** Not regulated  
**Labeling:** Not regulated  
**Hazard Class:** DOT not regulated

**15. REGULATORY INFORMATION****US Federal Regulations:**

All Components of this products are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30

**16. OTHER INFORMATION**

NFPA Rating			
Health	Flammability	Reactivity	PPE
0	1	0	A

**Note:** PPE: Personal Protective Equipment

N/A: Not Applicable

NDA: No Data Available

Prepared By: Donato Polignone

Approved By: EHS Dept.

Effective Date: 12-18-2007

Supersedes Date: NEW

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-1998)

END OF MSDS