



**section 1 – Preparation / Product Information**

**manufactured for and supplied by:** **Harwick Standard Distribution Corporation**  
60 South Seiberling Street  
P.O. Box 9360  
Akron, OH 44305-0360

**telephone no:** (330) 798-9300

**date prepared:** March 9, 1998

**preparer:** Health, Safety & Environment

**product use:** Plasticizer

**section 2 – Ingredients / Identity Information**

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Polyester CAS #Proprietary	Not Established				70-80
Hydrated Amorphous Silica CAS #7631-86-9	*6mg/m <sup>3</sup>	*10mg/m <sup>3</sup>			20-30

\* PEL & TLV for total dust.

**section 3 – Physical / Chemical Characteristics**

<b>boiling point:</b>	Not Applicable	<b>specific gravity:</b>	1.347 ( Calc.)
<b>freezing point:</b>	Not Determined	<b>pH:</b>	Not Applicable
<b>vapor pressure (mm Hg):</b>	Not Applicable	<b>odor threshold (ppm):</b>	Not Applicable
<b>vapor density (AIR=1):</b>	Not Applicable	<b>coef. water/oil dist.:</b>	Not Applicable
<b>solubility in water</b>	Negligible	<b>evaporation rate:</b>	Not Applicable
<b>appearance (physical state) and odor:</b>		Solid; Off-White Odor; None	

**section 4 – Fire and Explosion Hazard Data**

**flash point (method):** For Polyester: 530°F (COC)

**extinguishing media:** For Polyester: Use water spray, foam, CO<sub>2</sub>, or dry chemical.

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**special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing. Water may be ineffective but should be used to keep fire exposed containers cool.

**unusual fire and explosion hazards:** None known

**hmis rating:** 1

**hazardous combustion products:** CO<sub>x</sub>

#### section 5 – Reactivity Data

**stability**  
stable:   
unstable:

**conditions to avoid (cond. of reactivity):** Avoid alteration of product properties before use. Calcining, which may result in crystalline formation or mixing with additives may alter toxicological properties. Keep away from heat and flames.

**incompatibility (materials to avoid):** Avoid contact with strong oxidizers and strong bases.

**hazardous decomposition or byproducts:** CO<sub>x</sub>

**hazardous polymerization**  
may occur:   
will not occur:

**conditions to avoid:** None known

**hmis rating:** 0

#### section 6 – Health Hazard Data

##### *primary routes of exposure*

**inhalation**       **skin contact**       **eye contact**   
**skin absorption**       **ingestion**

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**health hazards**

**acute:** Excessive contact with powder can cause drying of mucous membranes of nose, eyes, and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds. Eye contact with powder can result in mild irritation.

**chronic:** None known

**carcinogenicity**

NTP

IARC

OSHA

**signs and symptoms of exposure:** See Health Hazards above.

**medical conditions generally aggravated by exposure:** Persons with breathing problems or lung disease should not work in dusty areas unless a physician approves and certifies their fitness to wear respiratory

**hmis rating:** 1

**section 7 – First Aid Measures**

**emergency and first aid procedures**

**inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

**ingestion:** Consult a physician.

**skin contact:** Wash with soap and water. If irritation develops, consult a physician.

**eye contact:** Flush with water for 15 minutes. If irritation develops, consult a physician.

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## section 8 – Precautions for Safe Handling and Use

**steps to be taken in case material is released or spilled:**  
disposal.

Vacuum spilled material and place in a container for reuse or

**waste disposal method:**  
Section X.

In accordance with federal, state, and local regulations. Refer to

**precautions to be taken in handling and storing:**  
inhalation of dust. Do not eat, drink or smoke in work area.

Use with adequate ventilation. Avoid prolonged or repeated

**other precautions:**

Avoid contact with eyes, skin, and clothing.

## section 9 – Control Measures

**respiratory protection (specify type):**  
necessary.

A NIOSH/MSHA approved respirator above PEL or TLV or as

### *ventilation*

**local exhaust:**  
**mechanical (general):**

Recommended to maintain dust and fumes.  
Recommended to maintain dust and fumes.

**protective gloves:**

Impervious

**eye protection:**

Safety glasses

**other protective clothing or equipment:**

Eyewash station and safety shower

**work/hygienic practices:**

Wash thoroughly before eating, drinking, or smoking.

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**section 10 – Additional Information**

**special shipping information:** Not DOT Regulated

**TSCA Inventory Status:**

Chemical components are listed on the TSCA inventory.

**sara title III**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None known

**RCRA status**

The following chemical components are listed under (40 CFR 261):

None known

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