



### section 1 – Preparation / Product Information

<b>manufactured for and supplied by:</b>	<b>telephone no:</b>	<b>(330) 798-9300</b>
<b>Harwick Standard Distribution Corporation</b>	<b>date prepared:</b>	<b>October 5, 1996</b>
<b>60 South Seiberling Street</b>	<b>preparer:</b>	<b>Health, Safety &amp; Environment</b>
<b>P.O. Box 9360</b>	<b>product use:</b>	<b>Plasticizer</b>
<b>Akron, OH 44305-0360</b>		

### 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

### section 3 – Physical / Chemical Characteristics

<b>boiling point:</b>	Not Applicable	<b>specific gravity:</b>	1.38 (Calc.)
<b>melting point:</b>	Not Determined	<b>pH:</b>	Not Applicable
<b>vapor pressure (mm Hg):</b>	Not Applicable	<b>odor threshold (ppm):</b>	Not Available
<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: 510°F (COC)

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

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.





**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 protection.

**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.

**section 8 – Precautions for Safe Handling and Use**

**steps to be taken in case material is released or spilled:** Vacuum spilled material and place in a container for reuse or disposal.

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.



**waste disposal method:** In accordance with federal, state, and local regulations. Refer to Section X.

**precautions to be taken in handling and storing:** Use with adequate ventilation. Avoid prolonged or repeated inhalation of dust. Do not eat, drink or smoke in work area.

**other precautions:** Avoid contact with eyes, skin, and clothing.

### section 9 – Control Measures

**respiratory protection (specify type):** A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.

#### *ventilation*

**local exhaust:** Recommended to maintain dust and fumes.  
**mechanical (general):** 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.

### section 10 – Additional Information

**special shipping information:** Not Determined

**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:

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.



None known

**RCRA status**

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

None known

---

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.