



**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:** November 2, 2006

**preparer:** Health, Safety & Environment

**product use:** Rubber Additive

**section 2– Ingredients / Identity Information**

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Stearic Acid CAS #57-11-4				>5mg/kg dermal LD50 Rabbit	50-60
Palmitic Acid CAS# 57-10-3				>10 mg/kg oral LD50 rat	40-50

**section 3 – Physical / Chemical Characteristics**

<b>boiling point:</b>	556°F	<b>specific gravity:</b>	0.940
<b>freezing point:</b>	Not Determined	<b>pH:</b>	Not Determined
<b>vapor pressure (mm Hg):</b>	1.0000	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	Not Determined	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Insoluble	<b>evaporation rate:</b>	Not Determined
<b>appearance (physical state) and odor:</b>		Solid, white to yellowish Odor; mild	

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

**flash point (method):** 385°F (COC)

**extinguishing media:** CO<sub>2</sub>, dry chemical, or water spray or "alcohol" foam. Do not use a solid water stream as it may scatter and spread fire.

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**special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing. Do not use heavy stream of water, fatty material will float.

**unusual fire and explosion hazards:** Dust may form explosive mixture in air.

**hmis rating:** 0

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

**section 5 – Reactivity Data**

**stability**                    **stable:**       
   **unstable:**  

**conditions to avoid (cond. of reactivity):** Open flames, hot surfaces and sources of ignition. Dust may form explosive mixture in air.

**incompatibility (materials to avoid):** Strong oxidizing agents 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**

<b>inhalation</b>	<input checked="" type="checkbox"/>	<b>skin contact</b>	<input checked="" type="checkbox"/>	<b>eye contact</b>	<input checked="" type="checkbox"/>
<b>skin absorption</b>	<input type="checkbox"/>	<b>ingestion</b>	<input type="checkbox"/>		

**health hazards**

**acute:** May cause irritation to eye, skin and respiratory tract.

**chronic:** None known

**carcinogenicity**

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NTP

IARC

OSHA

**signs and symptoms of exposure:** None known

**medical conditions generally aggravated by exposure:** None known

**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:** Drink 1-2 glasses of water. Do not induce vomiting without medical advice. Consult a physician.

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

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

**Note to physician:** Treat symptomatically

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

#### **steps to be taken in case material is**

**released or spilled:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not let product enter drains. Avoid dust formation. Do not breathe vapors/dust. Place in a suitable closed container for disposal.

**waste disposal method:** In accordance with federal, state, and local regulations. Refer to Section 10.

#### **precautions to be taken in handling and storing:**

Avoid dust formation. Avoid contact with skin and eyes. Take measures to prevent the build up of electrostatic charge. Keep container tightly closed in a dry well-ventilated place. Keep away from open flames, hot surfaces & sources of ignition. Wear personal protective equipment.

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

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### section 9 – Control Measures

**respiratory protection (specify type):** A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for hot rubber fumes.

#### *ventilation*

**local exhaust:** Recommended to minimize exposure.  
**mechanical (general):** Recommended to minimize exposure.

**protective gloves:** Impervious

**eye protection:** Safety glasses with side-shields. Avoid contact with eyes.

**other protective clothing or equipment:** Eyewash station, light weight protective clothing.

**work/hygienic practices:** Wash thoroughly after handling

### 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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