



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: September 9, 2004

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					50-60
Palmitic Acid CAS#57-10-3					40-50

section 3 – Physical / Chemical Characteristics

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

section 4 – Fire and Explosion Hazard Data

flash point (method): 385°F (COC)

extinguishing media: CO₂, 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: 1

hazardous combustion products: CO_x

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_x

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

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.

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

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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