

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 3, 2003

preparer: Health, Safety & Environment

product use: Antioxidant

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Mixture of styrenated diphenylamine	Not Established			LD50 rat/oral 40000mg/kg	60-70
Silica, Hydrated Amorphous CAS# 63231-67-4	6mg/M3	10mg/M3			20-40

section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	1.36 (calc)
freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	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:		White-tan, Powder Odor; Aromatic, sweet	

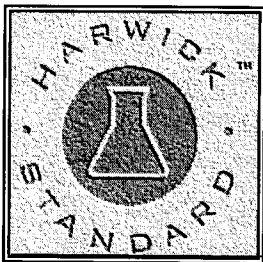
section 4 – Fire and Explosion Hazard Data

flash point (method): Not Applicable

extinguishing media: CO₂, Dry chemical, foam, fog, or water spray.

special fire fighting procedures: Burning material may emit noxious fumes. An approved, self-contained breathing apparatus should be worn.

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unusual fire and explosion hazards: emits acrid fumes and/or smoke.

hmis rating: 1

hazardous combustion products: Not Applicable

section 5 – Reactivity Data

stability
stable:
unstable:

conditions to avoid (cond. of reactivity): None under normal conditions
incompatibility (materials to avoid): None Known
hazardous decomposition or byproducts: CO_x, NO_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 **skin contact** **eye contact**
skin absorption **ingestion**

health hazards

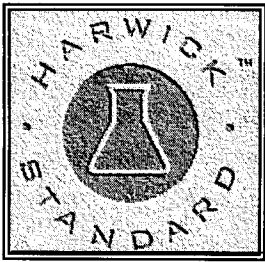
acute: May cause eye, skin, and/or respiratory tract irritation. Excessive contact with the powder may cause drying of the mucous membranes of the nose, eyes, and throat due to absorption of moisture and oils.

chronic: Repeated and prolonged inhalation of dust in excess of respirable dust levels may lead to a benign pneumoconiosis (dust in lungs). This condition may cause some impairment of lung function which may be reversible with reduced exposure.

carcinogenicity

NTP **IARC** **OSHA**

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signs and symptoms of exposure: See Health Hazards above.

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: 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:
disposal.

Shovel or sweep spill into appropriate containers for proper disposal.

waste disposal method:
Section 10.

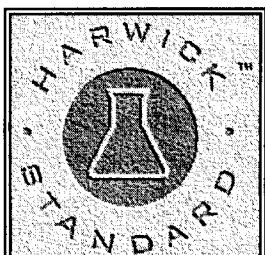
In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

Store in dry, well ventilated area. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety procedures. Avoid generating dust. Under dusty conditions, static electricity may cause an explosion. Take precaution measures against discharge during blending and transfer operations.

other precautions: Avoid contact with skin.

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section 9 – Control Measures

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

ventilation

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

protective gloves: Neoprene or rubber gloves

eye protection: Safety glasses or goggles

other protective clothing or equipment: Eyewash station

work/hygienic practices: Wash thoroughly before eating or smoking.

section 10 – Additional Information

special shipping information: Not Available

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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