



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: April 9, 1991

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		
Styrenated Phenol CAS #26062-78-2	Not Established			LD50 rat/oral >2,500 mg/kg	60-70
Hydrated Amorphous Silica CAS #112926-00-8	*6mg/m ³	**5mg/m ³		LD50 rat/oral >5,000 mg/kg	30-40

*PEL for total dust.
**Manufacturers recommend PEL for respirable dust.

section 3 – Physical / Chemical Characteristics

boiling point:	Not Applicable	specific gravity:	1.29 (calc.)
freezing point:	Not Applicable	pH:	Not Applicable
vapor pressure (mm Hg):	Not Applicable	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Applicable	coef. water/oil dist.:	Not Determined
solubility in water	Negligible	evaporation rate:	Not Applicable
appearance (physical state) and odor:		Dustless powder or pellet;	Pale Yellow
		Odor;	Characteristic

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section 4 – Fire and Explosion Hazard Data

flash point (method):	Not Determined
extinguishing media:	CO ₂ , dry chemical, water and foam.
special fire fighting procedures:	Wear self-contained breathing apparatus and protective clothing.
unusual fire and explosion hazards:	None known
hmis rating:	1
hazardous combustion products:	CO _x

section 5 – Reactivity Data

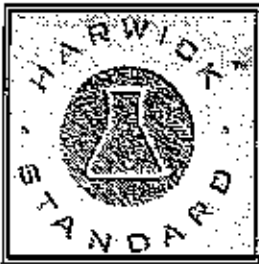
stability	stable: <input checked="" type="checkbox"/>	
	unstable: <input type="checkbox"/>	
conditions to avoid (cond. of reactivity):	Sources of heat	
incompatibility (materials to avoid):	Strong oxidizing agents	
hazardous decomposition or byproducts:	CO _x	
hazardous polymerization	may occur: <input type="checkbox"/>	
	will not occur: <input checked="" type="checkbox"/>	
conditions to avoid:	None known	
hmis rating:	0	

section 6 – Health Hazard Data

primary routes of exposure

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

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health hazards

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

chronic: None known

NOTE: Product form should minimize exposure making health effects less likely.

carcinogenicity

NTP

IARC

OSHA

signs and symptoms of exposure: See health hazards above

medical conditions generally aggravated by exposure: Persons with breathing problem or lung disease.

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:	Sweep or vacuum up. Place in a suitable container for reuse or disposal.
waste disposal method:	In accordance with federal, state, and local regulations. Refer to Section X.
precautions to be taken in handling and storing:	None
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 minimize exposure.
mechanical (general):	Recommended to minimize exposure.
protective gloves:	Impervious
eye protection:	Safety glasses or goggles for dusty conditions.
other protective clothing or equipment:	Eyewash station and safety shower
work/hygienic practices:	Wash thoroughly after handling

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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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