



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: March 15, 2005

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		
6,6'-di-tert-butyl-2,2'-methylenedi- p-cresol CAS #119-47-1	15mg/m ³				90-100
PEL total dust					

section 3 – Physical / Chemical Characteristics

Boiling point:	Not Determined	specific gravity:	Not Determined
Freezing point:	Not Determined	pH:	4-7
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	1.070	coef. water/oil dist.:	Not Determined
Solubility in water	Insoluble	evaporation rate:	Not Determined
Appearance (physical state) and odor:		Powder; Light Cream Odor; Odorless	

section 4 – Fire and Explosion Hazard Data

flash point (method): 374°F (COC)

extinguishing media: Use foam, water spray, fog, dry chemical and, CO₂,

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Move exposed containers from fire area if possible. Use water to keep fire-exposed containers cool.

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unusual fire and explosion hazards: Formation of flammable or explosive dust/air mixtures possible.

hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Heat, flames and sparks.

incompatibility (materials to avoid): acids, alkalies.

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

health hazards:

acute: Dust may be irritating to respiratory tract. Contact with eyes and skin may cause severe irritation and/or burns.

chronic: None known.

carcinogenicity

NTP **IARC** **OSHA**

signs and symptoms of exposure: See Health Hazards above.

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medical conditions generally aggravated by exposure: None Known

hmis rating: 2

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: Induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

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

eye contact: Remove contacts. 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 spill from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers. Transfer to a container for disposal. Do not flush residues with water.

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

precautions to be taken in handling and storing:

Use with adequate ventilation. Minimize dust generation and accumulation. May form flammable dust-air mixtures. Avoid breathing dust. Keep away from heat. Store in a cool, dry place. Keep container closed when not in use.

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.

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- protective gloves:** Impermeable gloves
- eye protection:** Safety glasses with side shields.
- other protective clothing or equipment:** Eyewash station, rubber apron, safety shoes or boots-
chemical resistant
- work/hygienic practices:** Wash thoroughly after handling and before eating,
smoking, drinking, or using rest room.

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

SARA Title III Section 311/312 Hazard Categories

The product meets the criteria only for the listed hazard classes:

Acute Health Hazard

SARA Title III Section 313 Reportable Substances

If listed below, components are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and reauthorization Act of 1986 and 40 CFR Part 372:

None Listed

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