



### 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 28, 2004

**preparer:** Health, Safety & Environment

**product use:** Rubber Additive

### section 2– Ingredients / Identity Information

| components<br>chemical identity/cas#           | exposure limits |     |       | Toxicity<br>LD50/LC50        | amount<br>% |
|--|-----------------|-----|-------|------------------------------|-------------|
|  | PEL             | TLV | OTHER |                              |             |
| Octylated diphenylamine<br><br>CAS #68411-46-1 | Not Established |     |       | LD50 rat/oral<br>>5000 mg/kg | 90-100      |

### section 3 – Physical / Chemical Characteristics

|  |                |   |                |
|--|----------------|---|----------------|
| <b>boiling point:</b>                        | Not Determined | <b>specific gravity:</b>                  | 0.99           |
| <b>freezing point:</b>                       | 185°F (85°C)   | <b>pH:</b>                                | 9.5            |
| <b>vapor pressure (mm Hg):</b>               | Not Determined | <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> |                | Waxy Solid; Brown<br>Odor; Characteristic |                |

### section 4 – Fire and Explosion Hazard Data

**flash point (method):** 495°F (257°C)

**extinguishing media:** CO<sub>2</sub>, dry powder, foam, water fog.

**special fire fighting procedures:** Wear self-contained breathing apparatus. Body covering protective clothing, full "turn-out" gear. Do not discharge extinguishing waters into streams, rivers, and lakes.

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**unusual fire and explosion hazards:** Avoid dispersion of dust in air to reduce potential for dust ignition/explosions.

**hmis rating:** 3

**hazardous combustion products:** CO<sub>x</sub>, NO<sub>x</sub>

**section 5 – Reactivity Data**

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

**conditions to avoid (cond. of reactivity):** Strong oxidizing agents

**hazardous decomposition or byproducts:** CO<sub>x</sub>, NO<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**

**inhalation**                                            **skin contact**                                            **eye contact**                        
**skin absorption**                                            **ingestion**                     

**health hazards**

**acute:** May cause irritation to the eyes.

**chronic:** None known

**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:** Do not induce vomiting. Rinse mouth with water. 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:**

Wear protective equipment. Do not breathe dust. Eliminate sources of ignition. Avoid contact with skin and eyes. Prevent from entering sewer system, surface water or soil. Avoid dispersion of dust. Sweep up and collect in a suitable 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:**

Use with adequate ventilation. Avoid breathing dust. Keep container tightly closed. Keep away from sources of ignition – no smoking. Keep container tightly closed in a cool, well-ventilated place. Protect from heat. In case of occurrence the dust risk of dust explosion.

### **other precautions:**

Avoid contact with eyes, skin, and clothing.

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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:** Chemical resistant protective gloves

**eye protection:** Safety glasses with side shields

**other protective clothing or equipment:** Eyewash station and safety shower, long sleeves

**work/hygienic practices:** Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities. Observe good personal hygiene.

## section 10 – Additional Information

**special shipping information:** Not DOT Regulated

**TSCA Inventory Status:**  
Chemical components are listed on the TSCA inventory.

**Canadian Inventory Status:**  
Chemical components are listed on the Domestic Substance List (DSL).

### **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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