

**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: May 24, 1993**

**preparer: Health, Safety & Environment**

**product use: Rubber Additive**

**section 2– Ingredients / Identity Information**

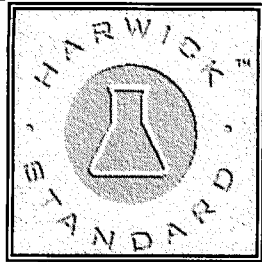
components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Acid Refined Tall Oil; Mixture of Fatty Acids and Rosin Acids CAS #8002-26-4	Not Established				70-80
Monoisopropanolamine CAS #78-96-6	Not Established				
Diisopropanolamine CAS #110-97-4	Not Established				
Triisopropanolamine CAS #122-20-3	Not Established				

**section 3 – Physical / Chemical Characteristics**

<b>boiling point:</b>	Not Determined	<b>specific gravity:</b>	0.99
<b>freezing point:</b>	Not Determined	<b>pH:</b>	Not Determined
<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>	Negligible	<b>evaporation rate:</b>	Not Determined
<b>appearance (physical state) and odor:</b>		Liquid; Amber	
		Odor; Fatty Acid	

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**section 6 – Health Hazard Data**

**primary routes of exposure**

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

**health hazards**

**acute:** May cause moderate skin and eye irritation. Prolonged and repeated contact may cause burns and loss of vision. Breathing vapors may cause respiratory tract irritation. Ingestion can cause severe gastrointestinal irritation, vomiting, diarrhea, sweating, weakness, and/or headache.

**chronic:** None known

**carcinogenicity**

**NTP**       **IARC**       **OSHA**

**signs and symptoms of exposure:** See Health Hazards above.

**medical conditions generally aggravated by exposure:** Pre-existing skin disorders.

**hmis rating:** 2

**section 7 – First Aid Measures**

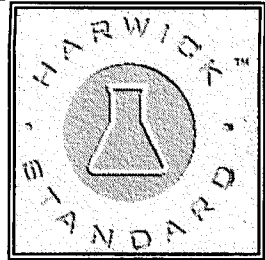
**emergency and first aid procedures**

**inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

**ingestion:** Consult a physician. Do NOT induce vomiting.

**skin contact:** Wash with soap and water. Flush with water for at least 15 minutes. If irritation develops, consult a physician.

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**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:** Contain spill. Remove all ignition sources. Use absorbent material to collect small spills. Do not flush into sewer or waterway.

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

**precautions to be taken in handling and storing:** Avoid excessive heat and ignition sources.

**other precautions:** Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or mists.

**section 9 – Control Measures**

**respiratory protection (specify type):** A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists.

**ventilation**

**local exhaust:** Recommended to maintain PEL/TLV and vapors/mists.  
**mechanical (general):** Recommended to maintain PEL/TLV and vapors/mists.

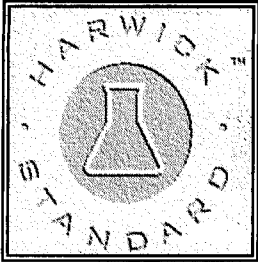
**protective gloves:** Impervious

**eye protection:** Chemical goggles

**other protective clothing or equipment:** Coveralls, apron, boots, faceshield as necessary to prevent skin contact. Eyewash station and safety shower should be easily accessible.

**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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