

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: January 28, 1997

preparer: **Health, Safety & Environment**

product use: Rubber Additive

section 2 – Ingredients / Identity Information

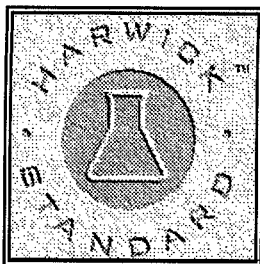
components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
A Mixture of: Solvent-Dewaxed Residual Oil CAS #64742-62-7	5mg/m ³	5mg/m ³			90-100
Severely Hydrotreated Residual Oil CAS #64742-57-0	5mg/m ³	5mg/m ³			
Severely Solvent-Refined Residual CAS #64742-01-4	5mg/m ³	5mg/m ³		LD50 rat/oral > 5,000 mg/kg	

PEL's & TLV's for oil mist, mineral.

section 3 – Physical / Chemical Characteristics

boiling point:	>750°F (ASTM D-86)	specific gravity:	~0.88-0.91
freezing point:	<20°F (ASTM D-2161)	pH:	Not Applicable
vapor pressure (mm Hg):	<0.1 @ 70°F	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	>10 @ 70°F	coef. water/oil dist.:	Not Determined
solubility in water	Negligible	evaporation rate:	Not Available
appearance (physical state) and odor:			Liquid; Bright, Dark Brown Odor; Hydrocarbon Lube Oil

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section 4 – Fire and Explosion Hazard Data

flash point (method): ~530°F (ASTM D-92)

extinguishing media: CO₂, foam, water fog, dry chemical, or inert gas (Halon or Nitrogen). For large fire, use water fog, water spray, or foam. Foam and water are effective, but may cause frothng. NEVER use a water jet because it may spread the fire to a larger area.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Cool tanks and containers exposed to fire with water. Burning liquid will float on water.

unusual fire and explosion hazards: Slightly combustible. OSHA/NFPA Class-IIIB Combustible Liquid. When heated above its flash point, this material will release flammable vapors which, if exposed to an ignition source, can burn in the open or be explosive in confined spaces. Mists or sprays may be flammable at temperatures below the flash point.

hmis rating: 1

hazardous combustion products: CO_x, SO_x (possibly hydrogen sulfide and alkyl mercaptans)

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Extreme heat and open flame.

incompatibility (materials to avoid): Strong acids, alkalies and oxidizers such as oxygen and liquid chlorine.

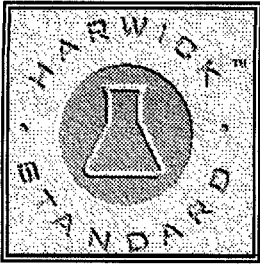
hazardous decomposition or byproducts: CO_x, SO_x (possibly hydrogen sulfids and alkyl mercaptans)

hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 0

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section 6 – Health Hazard Data

primary routes of exposure

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

health hazards

acute: None known

chronic: Prolonged and/or repeated skin contact may result in skin irritation and inflammation.

carcinogenicity

NTP **IARC** **OSHA**

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Personnel with per-existing skin disorder should avoid contact with this product.

hmis rating: 0

section 7 – First Aid Measures

emergency and first aid procedures

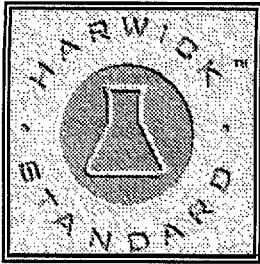
inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

ingestion: Consult a physician.

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

eye contact: Flush with low pressure 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:

Contain spill and prevent it from entering all water bodies.

Evacuate non-essential personnel from immediate area due to slipping hazard. Absorb spill with inert material and place in a container for reuse or disposal. This material will float on water. Absorbent pads and similar materials can be used. Spills may need to be reported to the National Response Center (800-424-8802).

waste disposal method:

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

precautions to be taken in handling and storing:

Remove spillage immediately from hard, smooth walking areas.

Avoid oxidizing agents. Avoid prolonged or repeated breathing of mist. Use only with adequate ventilation/personal protection. Keep container tightly closed. Keep it in a dry, cool, well-ventilated place. Combustible materials should be stored away from extreme heat, radiation sources, and strong oxidizing agents. Do not puncture, incinerate, or store containers at temperatures > 120°F or in direct daylight. To avoid product degradation, water contamination should be avoided and minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures (>200°F) should be minimized. Product degradation may increase health hazards.

other precautions:

Avoid contact with eyes, skin, and clothing.

section 9 – Control Measures

respiratory protection (specify type):
and/or an organic respirator for vapors or mists.

A NIOSH/MSHA approved respirator above PEL or TLV,

ventilation

local exhaust:
mechanical (general):

Recommended to maintain PEL/TLV and vapors/mists.
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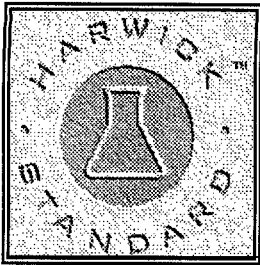
protective gloves:

Impervious

eye protection:

Chemical goggles

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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 and before eating, drinking, smoking, or use of toilet facilities. Launder clothing before reuse.

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

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