

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 10, 2003

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		
Distillates, Petroleum, Solvent Refined Heavy Paraffinic CAS #64741-88-4	*5mg/m ³	*5mg/m ³		LD50 rat/oral >5000 mg/mg	60-80
Residual Oils, Petroleum, Solvent- refined CAS #64742-01-4	*5mg/m ³	*5mg/m ³		LD50 rat/oral >2000 mg/mg	20-40

CAS #64742-57-0

* PEL & TLV for oil mist, mineral

section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	0.88
freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	< 0.1	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	> 1	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble in cold water	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Amber Odor; Mild Petroleum	

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.



section 6 – Health Hazard Data

primary routes of exposure

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

health hazards

acute: May cause transient mild eye irritation with short-term contact with liquid sprays or mists. Can cause mild skin irritation from prolonged or repeated skin contact. If swallowed, large volumes of material can cause generalized depression, headache, drowsiness, nausea, vomiting and diarrhea. Smaller doses can cause a laxative effect.

chronic: Contains a petroleum-based mineral oil. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne. Repeated or prolonged inhalation of petroleum-based mineral oil mists at concentrations above applicable workplace exposure levels can cause respiratory irritation or other pulmonary effects.

carcinogenicity

NTP **IARC** **OSHA**

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Personnel with pre-existing skin disorder.

hmis rating: 0

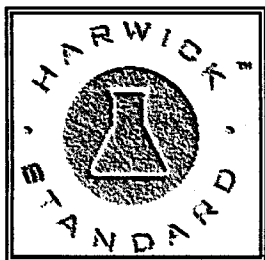
section 7 – First Aid Measures

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: Do not induce vomiting or give anything to drink unless directed by a physician. Consult a physician.

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.



skin contact: Remove contaminated shoes and clothing. Wipe off excess material. Discard contaminated leather goods. Wash with soap and water. If irritation develops, consult a physician.

eye contact: Check for and remove contact lenses. Flush with low-pressure 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:

Do not walk through spilled material – slipping hazards. For small spills, absorb or cover with dry earth, sand, or other inert non-combustible absorbent materials and place into waste containers for disposal. Contain large spills to maximize product recovery or disposal. Prevent entry into waterways or sewers. This material will float on water. Absorbent pads and similar materials can be used.

waste disposal method:

In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

Avoid water contamination and extreme temperatures to minimize product degradation. Empty containers may contain product residues that can ignite with explosive force. Do not pressurize, cut, weld, braze solder, drill, grind or expose containers to flames, sparks, heat or other potential ignition sources. Keep container closed. Do not store with strong oxidizing agents. Do not store at temperatures above 120°F or in direct sunlight for extended periods of time.

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.

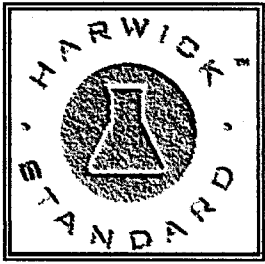
protective gloves:

Impervious

eye protection:

Chemical goggles

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.



other protective clothing or equipment: Coveralls, apron, lab coat, boots, face-shield as necessary to prevent skin contact. Eyewash station and safety shower should be easily accessible.

work/hygienic practices: Use good personal hygiene practices. Wash hands and other exposed skin areas with plenty of mild soap and water before eating, drinking, smoking, use of toilet facilities, or leaving work. DO NOT use gasoline, kerosene, solvents or harsh abrasives as skin cleaners.

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

California Proposition 65

The following components, which are known to the State of California to cause cancer, birth defects or other reproductive harm.

Toluene: 0.001%

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.