



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: September 05, 2007

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	*10mg/m ³ STEL	LD50 rat/oral >5000 mg/kg	50-100
Distillates, petroleum, solvent- refined light paraffinic CAS #64741-89-5	*5mg/m ³	*5mg/m ³	*10mg/m ³ STEL	LD50 rat/oral >5000 mg/kg	0-50

*PEL, TLV & STEL for oil mist, mineral.

section 3 – Physical / Chemical Characteristics

boiling point: Not Determined

freezing point: Not Determined

vapor pressure (mm Hg): < 0.1

vapor density (AIR=1): > 1

solubility in water: Negligible solubility in cold water

appearance (physical state) and odor: Liquid; Clear to Light Amber
Odor; Mild Petroleum

specific gravity: 0.86

pH: Not Determined

odor threshold (ppm): Not Determined

coef. water/oil dist.: Not Determined

evaporation rate: Not Determined

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section 4 – Fire and Explosion Hazard Data

- flash point (method):** Closed cup: 390°F (199°C) (Pensky-martins) Open cup: 424°F
cleveland (218°C)
- extinguishing media:** CO₂, dry chemical, foam, or water fog. Water or foam may cause
frothing.
- special fire fighting procedures:** Use proper protective equipment. This may include self-contained
breathing apparatus. This material can burn but will not readily ignite. This material will release vapors when
heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed
spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash
point.
- unusual fire and explosion hazards:** NFPA Class-III B combustible material. Slightly combustible!
- hmis rating:** 1
- hazardous combustion products:** CO_x smoke, fumes, unburned hydrocarbons and trace oxides
of sulfur and/or nitrogen.

section 5 – Reactivity Data

- stability** **stable:**
 unstable:
- conditions to avoid (cond. of reactivity):** Extreme heat, sparks, open flame and strong oxidizing
conditions.
- incompatibility (materials to avoid):** Strong oxidizers.
- hazardous decomposition or byproducts:** CO_x, smoke, fumes, unburned hydrocarbons and trace
oxides of sulfur and/or nitrogen.
- hazardous polymerization** may occur:
 will not occur:
- conditions to avoid:** None known

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hmis rating: 0

section 6 – Health Hazard Data

primary routes of exposure

inhalation skin contact eye contact
skin absorption ingestion

health hazards

acute: Can cause transient mild eye irritation with short-term contact with liquid sprays or mists. Product mist or vapors may irritate the mucous membranes of the nose, throat, bronchi, and lungs. Can cause mild skin irritation. If swallowed, large volumes of material can cause depression, headache, drowsiness, nausea, vomiting and diarrhea. Small doses can cause a laxative effect.

chronic: Prolonged or repeated contact may result in skin 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: Pre-existing skin disorders

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.

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ingestion: Do not induce vomiting or give anything to drink unless directed by a physician. If significant amounts are swallowed or irritation or discomfort occurs seek medical attention immediately.

skin contact: Remove contaminated shoes and clothing and wash thoroughly before reuse. Wash with soap and water. If irritation develops, consult a physician.

eye contact: Check for and remove contact lenses. Flush with low-pressure water while occasionally lifting & lowering eyelids. If irritation develops, consult a physician.

Note to the Physician:

SKIN: In the event of injection in underlying tissue, immediate treatment should include extensive incision, debridement and saline irrigation. Inadequate treatment can result in ischemia and gangrene. Early symptoms may be minimal.

INGESTION: The viscosity range of the product(s) represented by this MSDS is greater than 100 SUS at 100°F. There is a low risk of aspiration upon ingestion. Careful gastric lavage or emesis may be considered to evacuate large quantities of material.

section 8 – Precautions for Safe Handling and Use

steps to be taken in case material is released or spilled:

Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Slipping hazards; do not walk through spilled material. Stop leak if you can do so without risk. For small spills, absorb or cover with dry earth, sand, or other inert non-combustible absorbent material 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. 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 elevated temperatures. Avoid storing product in direct sunlight for extended periods of time.

other precautions:

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or mists.

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section 9 – Control Measures

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

other protective clothing or equipment: Long-sleeved outer garment, lab coat or coveralls, apron, boots, faceshield 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 a U.S. D.O.T. regulated material.

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

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RCRA status

The following chemical components are listed under (40 CFR 261):

None known

California Proposition 65

This product may contain the following component(s) which are know to the State of California to cause cancer, birth defects or other reproductive harm, and may be subject to the requirements of California Proposition 65:

Toluene 0.002%

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