



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: October 2, 2008

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		
2,2,4-Trimethyl-1,3-pentanediol diisobutyrate CAS #6846-50-0	Not Established			LD50 rat/oral >3.2 g/kg	90-100

section 3 – Physical / Chemical Characteristics

boiling point: 539°F

melting point: -70°C (-94°F)

vapor pressure (mm Hg): @25°C ; 0.00088 mbar

vapor density (AIR=1): 9.9

solubility in water: Negligible

appearance (physical state) and odor:

specific gravity: 0.942 – 0.948 @ 20°C

pH: Not Determined

odor threshold (ppm): Not Determined

coef. water/oil dist.: Not Determined

evaporation rate: Not Determined

Liquid; Colorless
Odor; Slight

section 4 – Fire and Explosion Hazard Data

flash point (method): 128°C (262°F) (Pensky-Martens closed cup)

extinguishing media: CO₂, foam, dry chemical, or water spray.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

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.



NTP

IARC

OSHA

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: Consult a physician.

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

eye contact: Remove contact lenses if possible. 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:

Absorb spill with vermaculite or other inert material, then place in a container for chemical waste. For large spills; flush spill area with water spray. Prevent runoff from entering drains, sewers, or streams.

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

precautions to be taken in handling and storing:

Keep from contact with oxidizing materials. Exercise caution if heating, especially in a closed container. Keep container closed.

other precautions:

Avoid contact with eyes, skin, and clothing.

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 9 – Control Measures

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

ventilation

local exhaust:

Recommended to control mist or vapor.

mechanical (general):

Recommended at least 10 air changes per hour for good general room ventilation. Ventilation rates should be matched to conditions.

protective gloves:

Impervious

eye protection:

Safety goggles

other protective clothing or equipment:

Eyewash station and safety shower

work/hygienic practices:

Wash thoroughly after handling. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc.

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

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.