

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 29, 2001

preparer: Health, Safety & Environment

product use: Filler

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Barium Sulfate CAS #7727-43-7	*5mg/m ³	10mg/m ³			90-100

section 3 – Physical / Chemical Characteristics

boiling point:	Not Available	specific gravity:	4.2 +
freezing point:	Not Available	pH:	Not Available
vapor pressure (mm Hg):	Not Applicable	odor threshold (ppm):	Not Available
vapor density (AIR=1):	Not Applicable	coef. water/oil dist.:	Not Available
solubility in water	Insoluble	evaporation rate:	Not Applicable
appearance (physical state) and odor:		Fine powder; White Odor; None	

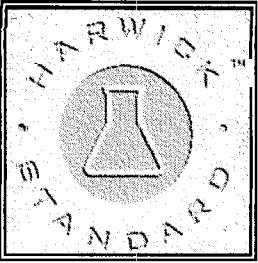
section 4 – Fire and Explosion Hazard Data

flash point (method): Not Applicable

extinguishing media: Not Applicable

special fire fighting procedures: None known

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identity: STANDARD ONE® BARIUM SULFATE BF1, B2, B3, B7

- unusual fire and explosion hazards: None known
- hmis rating: 0
- hazardous combustion products: Not Applicable

section 5 – Reactivity Data

- stability
 - stable:
 - unstable:
- conditions to avoid (cond. of reactivity): None Known
- incompatibility (materials to avoid): None Known
- hazardous decomposition or byproducts: None Known
- hazardous polymerization
 - may occur:
 - will not occur:
- conditions to avoid: None known
- hmis rating: 0

section 6 – Health Hazard Data

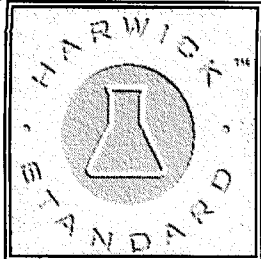
primary routes of exposure

- inhalation skin contact eye contact
- skin absorption ingestion

health hazards

- acute: Treat as a nuisance dust, product may irritate the eyes, skin, and respiratory system.
- chronic: As is true with any mineral product, long term overexposure to high concentrations of this dust without the use of a dust mask may product X-ray evidence of respiratory dysfunction in some individuals.

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carcinogenicity

NTP

IARC

OSHA

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Inhaling respirable dust may aggravate existing respiratory system disease(s) and/or dysfunction's. Exposure to dust may aggravate existing skin and/or eye conditions.

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: Flush with water for 15 minutes. If irritation develops, consult a physician.

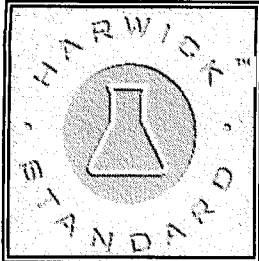
section 8 – Precautions for Safe Handling and Use

steps to be taken in case material is released or spilled: Remove major portion to waste disposal and sweep, vacuum or flush remainder with water.

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

precautions to be taken in handling and storing: Precautions for nuisance dust.

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other precautions: None known

section 9 – Control Measures

respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.

ventilation

local exhaust: Recommended to minimize exposure.
mechanical (general): Recommended to minimize exposure.

protective gloves: Impervious

eye protection: Safety glasses or goggles

other protective clothing or equipment: Eyewash station

work/hygienic practices: Wash thoroughly before eating or smoking.

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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