



section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no: (330) 798-9300
Harwick Standard Distribution Corporation 60 South Seiberling Street P.O. Box 9360 Akron, OH 44305-0360	date prepared: March 10, 1998
	preparer: Health, Safety & Environment
	product use: Plasticizer

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Di n-Butyl Sebacate CAS #109-43-3	Not Established				70-80
Hydrated Amorphous Silica CAS #7631-86-9	*6mg/m ³	*10mg/m ³	[other]		20-30

* PEL & TLV for total dust.

section 3 – Physical / Chemical Characteristics

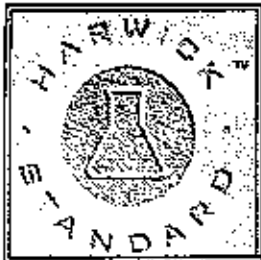
boiling point:	Not Applicable	specific gravity:	1.23 (Calc.)
freezing point:	Not Determined	pH:	Not Applicable
vapor pressure (mm Hg):	Not Applicable	odor threshold (ppm):	Not Available
vapor density (AIR=1):	Not Applicable	coef. water/oil dist.:	Not Applicable
solubility in water	Negligible	evaporation rate:	Not Applicable
appearance (physical state) and odor:		Solid; Off-White Odor; None	

section 4 – Fire and Explosion Hazard Data

flash point (method): For Di n-Butyl Sebacate: 170° C (COC)

extinguishing media: Use water fog, foam, CO₂, or dry chemical.

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

unusual fire and explosion hazards: None known

hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Avoid alteration of product properties before use.
Calcining, which may result in crystalline formation or mixing with additives may alter toxicological properties.
Avoid extreme heat.

incompatibility (materials to avoid): Avoid strong oxidizing agents.

hazardous decomposition or byproducts: CO_x

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**

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health hazards

acute: Excessive contact with powder can cause drying of mucous membranes of nose, eyes, and throat due to absorption of moisture and oils. This material can also cause nasal irritation and nosebleeds. Eye contact with powder may result in mild irritation. Prolonged skin contact may cause irritation.

chronic: None known

carcinogenicity

NTP IARC OSHA

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Persons with breathing problems or lung disease should not work in dusty areas unless a physician approves and certifies their fitness to wear respiratory protection

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.

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section 8 – Precautions for Safe Handling and Use

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

Vacuum spilled material and place in a container for reuse or disposal. Report major marine spills to the Coast Guard (800-424-8802). Keep spill out of all sewers and open bodies of water.

waste disposal method:

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

precautions to be taken in handling and storing:

Use with adequate ventilation. Avoid prolonged or repeated inhalation of dust. Avoid open flames and excessive heat. Store in tightly sealed steel, aluminum or polyethylene containers at room temperature. Avoid breathing vapors.

other precautions:

Avoid contact with eyes, skin, and clothing.

section 9 – Control Measures

respiratory protection (specify type):

necessary.

A NIOSH/MSHA approved respirator above PEL or TLV or as

ventilation

local exhaust:

Recommended to maintain dust and fumes.

mechanical (general):

Recommended to maintain dust and fumes.

protective gloves:

Impervious

eye protection:

Safety glasses

other protective clothing or equipment:

Eyewash station and safety shower

work/hygienic practices:

Wash thoroughly before eating, drinking, or smoking.

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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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