

material safety data sheet

(in compliance with 29 CFR 1910.1200)

identity: STANDARD ONE[®] MICA MM 300, 500, 800, 1200

Page 1 of 4

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:	August 30, 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		
Muscovite Mica CAS# 12001-26-2		3 mg/m ³			>98
Crystalline Silica CAS# 14808-60-7	0.1 mg/m ³	0.1 mg/m ³			<1

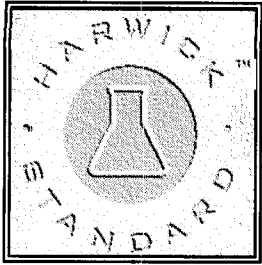
section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	2.8
freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		White powder	
		Odorless	

section 4 – Fire and Explosion Hazard Data

flash point (method):	Not Applicable
extinguishing media:	Not Applicable

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special fire fighting procedures: None known

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

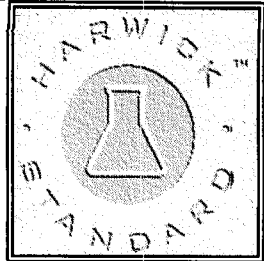
inhalation <input checked="" type="checkbox"/>	skin contact <input checked="" type="checkbox"/>	eye contact <input checked="" type="checkbox"/>
skin absorption <input type="checkbox"/>	ingestion <input type="checkbox"/>	

health hazards

acute: Direct contact with dust may cause irritation by mechanical abrasion.

chronic: Prolonged and repeated inhalation of respirable crystalline silica containing dust in excess of appropriate exposure limits has caused silicosis, a lung disease. Symptoms of silicosis may include, but are not limited to, the following: shortness of breath; difficulty breathing with or without exertion; coughing;

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diminished work capacity; diminished chest expansion; reduction of lung volume; right heart enlargement and/or failure.

carcinogenicity

NTP anticipated to be a carcinogen (group 2) **IARC** (group 1) **OSHA**

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Inhaling respirable dust/and or crystalline silica 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. Consult a physician.

ingestion: Expected to be practically non-toxic. If person is conscious, give large quantity of water and induce vomiting. Immediately 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

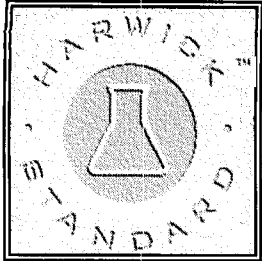
steps to be taken in case material is released or spilled:

Wetting of spilled material and/or use of respiratory protective equipment may be necessary. Do not dry sweep spilled material. Spilled material where dust can be generated may overexpose cleanup personnel to respirable crystalline silica containing dust.

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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