

IDENTITY (As used on Label & List) SPODUMENE FLOTATION CONCENTRATE

SECTION I Manufacturer's Information

INDUSTRIAL GYPSUM CO., INC.
2973 SOUTH DELAWARE ST.
P.O. BOX 07091
MILWAUKEE, WI 53207

Emergency Telephone No.: 414-747-1889
Information Telephone No.: 414-747-1889

Date Prepared: 6/1/92
Name of Preparer: Linda Hauerwas
Signature of Preparer: *Linda Hauerwas*

SECTION II Hazardous Ingredients/ Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
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No hazardous ingredients or components. Material is inert and non-toxic.

SECTION II Physical/ Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H2O =1)	3.05
Vapor Pressure (mm Hg.)	N/A	Melting Point	Incipient Fusion at 1375°C
Vapor Density (AIR =1)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A

Solubility in Water Insoluble in water and common dilute acids. (Soluble in Hydrofluoric Acid)
Appearance and Odor Dry, fine sand. Color is white to pale fawn. Smell is similar to faint smell of tall oil.

SECTION IV Fire and Explosion Hazard Data

Flash Point (Method Used) Unknown	Flammable Limits	LEL	UEL
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Extinguishing Media Water would be an acceptable method to use as an extinguishing media.

Special Fire Fighting Procedures Material is not a fire or explosion hazard.

Unusual Fire and Explosion Hazards
None

SECTION V Reactivity Data

Stability	Unstable	No	Conditions to Avoid
	Stable	Yes	N/A Material is inert and non-toxic.

Incompatibility (Materials to Avoid)
N/A

Hazardous Decomposition or Byproducts
N/A

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

SECTION VI Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (Acute and Chronic)
Prolonged and repeated exposure to dust may cause silicosis. Increased rates of lung cancer also reported among overexposed workers.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
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None

Gns and Symptoms of Exposure

None

Medical Conditions Generally Aggravated by Exposure
Possibility of silicosis. See above.

Emergency and First Aid Procedures

EYES: Flush with water for at least 15 minutes with eyelids open.
SKIN: Wash well with soap and water. INHALATION: Remove person to fresh air. Consult physician.

SECTION VII Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

No special steps. Sweep or shovel up material and dispose of in waste container.

Waste Disposal Method

Dispose of in compliance with federal, provincial/state and local laws as they apply to non-hazardous materials.

Precautions to Be Taken in Handling and Storing

Storage and handling precaution for spodumene and also related spodumene dust.

Other Precautions

NIOSH/MSHA approved respirators are recommended when working in dusty conditions.

SECTION VIII Control Measures

Respiratory Protection (Specify Type)
 NIOSH/MSHA approved respirator is recommended when working in dusty conditions.

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves
 Wear gloves to protect hands.

Eye Protection
 Safety glasses recommended when any possibility of dust particles entering the eyes exists.

Other Protective Clothing or Equipment
 Protective clothing may be worn if contact is appreciable.

Work/Hygienic Practices
 Observe good warehousekeeping cleanliness.

HEALTH	1	HAZARD RATING 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe
FLAMMABILITY	0	
REACTIVITY	0	
PERSONAL PROTECTION	E	

Personal Protection Index

E = Dust Respirator + Safety Glasses.