MATERIAL SAFETY DATA SHEET

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 Hauserwas
Signature of Preparer: [Signature]

SECTION II Hazardous Ingredients/ Identity Information

Hazardous Components
(Specific Chemical Identity: Common Name(s))

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

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

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>No</th>
<th>Conditions to Avoid</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>Yes</td>
<td></td>
<td>Material is inert and non-toxic</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incompatibility (Materials to Avoid)</th>
<th>N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hazardous Decomposition or Byproducts</th>
<th>N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>Will Not Occur X</th>
</tr>
</thead>
</table>

### SECTION VI Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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</tbody>
</table>

**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:**

<table>
<thead>
<tr>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
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</tbody>
</table>

**Genes 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, provencal/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)

N95/KN95 approved respirator is recommended when working in dusty conditions.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
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<tbody>
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<tr>
<td></td>
<td></td>
<td>Other</td>
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</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>1</th>
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<tbody>
<tr>
<td>FLAMMABILITY</td>
<td>0</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>E</td>
</tr>
</tbody>
</table>

HAZARD RATING

0 = Minimal
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Personal Protection Index

E = Dust Respirator + Safety Glasses.