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For Emergency Product Information Call:
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Material Safety Data Sheet
Hi-Impact® BRAND XP™ Wallboard

MSDS No: GB-1005
Dated: February 28, 2004

1. Product Identification

Product Name: **Hi-Impact® XP™ Wallboard**

Use: Interior building walls, elevator shaft construction, Area Separation Wall Systems

Generic Descriptions: Article composite. Hi-Impact XP Gypsum Panels consist of a gypsum core encased in a heavy moisture/mold/mildew resistant 100% recycled purple paper on face and back sides.

2. Composition/Information on Hazardous Ingredients

<u>Contains:</u> <u>Chemical Identity</u>	<u>CAS-NO</u>	<u>Exposure Limits</u>	
		<u>OSHA PEL</u> (mg/m3)	<u>ACGIH TLV</u> (mg/m3)
Gypsum	10101-41-4	5	10 ^A
Quartz ^B	14808-60-7	^C	0.1
Cellulose (paper fiber)	9004-34-6	5	10 ^A
Fiberglas, synthetic, vitreous, continuous	65997-17-3	5	5
Proprietary Additives	-	n/a	n/a

Contains no asbestos. HMIS Hazard Class No. 1, 0, 0.

^A Total dust. All others are respirable dust.

^B Present as a naturally occurring component of minerals. See Sec. 3 HEALTH HAZARDS IDENTIFICATION

^C Respirable dust. Use the formula $\frac{10 \text{ mg/m}^3}{\% \text{ SiO}_2 + 2}$

Appearance and Odor: A gypsum core wrapped with paper. Composite material provides mildew protection. Surface finish will vary with product. No odor.

3. Health Hazards Identification

- Route(s) of Entry: Inhalation and Dermal
- Potential Health Effects: Skin and eye irritant

Hi-Impact XP Wallboard products do not present an inhalation, ingestion or contact health hazard unless subjected to operations such as sawing, sanding or machining which result in the generation of airborne particulate.

Quartz (crystalline silica) - The International Agency for Research on Cancer (IARC) classifies crystalline silica inhaled in the form of quartz or cristobalite from occupational sources as carcinogenic to humans, Group 1. The National Toxicology Program (NTP) classifies respirable crystalline silica as a substance, which may be reasonably anticipated to be a carcinogen. OSHA does not regulate crystalline silica as a human carcinogen.

Although not normally necessary, it is recommended that a NIOSH approved respirator, to prevent inhalation of dusts, be worn when working with this product. Working with this product can result in airborne dust exposure.

Skin Contact: Continued and prolonged contact may result in dry skin or mechanical irritation.

Eye Contact: Direct contact may cause mechanical irritation.

Inhalation: Target Organ: respiratory system

Signs and Symptoms of Exposure to Airborne Dust: Continued and prolonged exposure to airborne dust concentrations in excess of the PEL/TLV may result in cough, dyspnea, wheezing, and impaired pulmonary function.

Medical Conditions Generally Aggravated by Exposure: Overexposure would generally aggravate respiratory system dysfunctions.

4. First Aid Measures

First Aid Procedures:

- **Eye:** Immediately flush eyes with water for 15 minutes and get medical attention.
- **Skin:** Flush and wash skin with soap and water. Get medical attention if irritation persists.
- **Breathing:** Move the exposed person to fresh air at once. If not breathing initiate pulmonary resuscitation. Get medical attention.

5. Fire Hazards

- Not Combustible
- NFPA Hazard Class No: 1/0/0
- Extinguishing Media: Dry chemical, foam, water fog or spray.

Special Fire Fighting Procedures: Wear full protective equipment and an approved pressure demand self-contained breathing apparatus (SCBA).

6. Precautions For Safe Handling

- Steps to be taken in case material is released or spilled: Pickup to avoid tripping hazard.
- Waste Disposal Method: Not a hazardous waste. Dispose of in accordance with applicable federal, state, and local regulations.
- Precautions to be taken in Handling and Storing: Keep dry to preserve usefulness.

7. Stability and Reactivity

- **Stability and Reactivity:** Gold Bond® BRAND Hi-Impact XP™ Wallboard products are stable and hazardous polymerization will not occur. When heated to decomposition, oxides of sulfur and carbon will be released. In addition, hydrogen chloride, carbon monoxide, various aldehydes, and oxides of nitrogen may also be released.

8. Exposure Controls/Personal Protection

- **Work/Hygiene Practices:** The score and snap method of cutting is recommended. Sawing, drilling or machining will produce dust.
- **Ventilation:** Provide ventilation to maintain a dust level below the PEL/TLV.
- **Respiratory Protection:** A NIOSH approved respirator for toxic dusts is recommended if the PEL/TLV is exceeded.

- Eye Protection: Safety glasses or goggles will prevent eye irritation if airborne dust or fibers are present.
- Skin Protection: Wear protective clothing such as loose fitting, long sleeved shirts that cover to the base of the neck, long pants, and gloves, as necessary, to prevent irritation. Skin irritation generally occurs primarily at pressure points such as around the neck, wrists, waist, and between the fingers.

9. **Transport Information**

- DOT: Not regulated

10. **Regulatory Information**

EPCRA Section 302 Extremely Hazardous Substance(s) – 40 CFR 355:

No components are listed as EHS under SARA 302.

EPCRA Section 313 Toxic Chemicals List – 40 CFR 372:

Zinc pyrithione (CAS# 13463-41-7) as zinc compounds;

TSCA Section 8b Toxic Chemical Inventory – 40 CFR 721:

All components are listed in the TSCA Inventory.

CERCLA Hazardous Substance(s) – 40 CFR 302.4:

Zinc pyrithione (CAS# 13463-41-7) as zinc compounds

CAA Section 112(b) List of Hazardous Air Pollutants – 40 CFR 63:

No components are listed under CAA HAP list.

CAA Section 112(r) Chemicals for Accidental Release Prevention – 40 CFR 68:

No components are listed under CAA Accidental Release Prevention list.

OSHA Process Safety Management – 29 CFR 1910.119:

No components are listed under OSHA PSM list.

CWA Priority Pollutant List – 40 CFR 401.15:

Zinc pyrithione (CAS# 13463-41-7) as zinc compounds

RCRA Regulated Hazardous Waste – 40 CFR 261.33:

No components are listed RCRA hazardous waste.

11. **Other Information**

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This material safety data sheet was prepared to comply with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and with the Workplace Hazardous Materials Information System (WHMIS). This supersedes any previous information.

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