

**TRADE NAMES:** TufCore™

**MSDS #: 1013-02B**  
**Effective Date: 04/04/95**  
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**I. PRODUCT IDENTIFICATION**

**Products:** Gypsum/Wet-Felted Composite Acoustical Ceiling Product.

**II. INGREDIENTS**

Common Name	Material	CAS #	WT%	Exposure Limits in Milligram/Cubic Meter	
				PEL*	ACGIH TLV**
Fiberglass	Glass Wool	65997-17-3	<10	15	10
	Urea Extended Phenol-formaldehyde				
Gypsum Board	Resin (Cured)	25104-55-6	<2	NE	NE
	Gypsum	10101-41-4	<90	5	10
	Cellulose	9004-34-6	<5	5	10
	Vermiculite	1318-00-9	<4	5	5
	Fibrous Glass (Continuous Filament)	65977-17-3	<1	NE	NE
PVC Film	Crystalline Silica	14808-60-7	<0.1	0.1	0.1
	Clay	1332-58-7	<2	5	10
	Antimony	7440-36-0	<1	0.5	0.5
Sealant	Ketones	78-98-3, 108-10-1	<1	200ppm	200ppm
	Titanium Dioxide	13463-67-7	<1	15	10
	Calcium Carbonate	1317-65-3	<1	15	10
	Aluminum Silicate	1332-58-7	<1	NA	NA
	Silica, Amorphous	63231-67-4	<1	6	10
	Water	7732-18-5	<1	NA	NA
	2,2,4Trimethyl - 1,3Pentenediol Isobutyrate	25265-77-4	<1	NA	NA

\*PEL - OSHA Permissible Exposure Limit, 1910.1000, Nuisance Dust (Respirable)

\*\*TLV - Threshold Limit Value, adopted by American Conference of Governmental Industrial Hygienists, 1984-85

NA = Not Applicable, NE = Not Established

All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Chemical Substance Inventory and the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).

As a manufactured article this product is exempt from the requirements of Canada's WHMIS.

### III. PHYSICAL DATA

<b>Appearance and Odor:</b>	Paper covered board with white core having a low odor. Product has a vinyl facing. May have vinyl backing.
<b>Boiling Point</b> (Degrees F):	NA
<b>Melting Point:</b>	NA
<b>Vapor Pressure</b>	NA
<b>Percent Volatile by Volume:</b>	NA
<b>Specific Gravity</b> (Water = 1):	0.65-0.70
<b>Vapor Density</b> (Air = 1):	NA
<b>Evaporation Rate</b> (Ethyl Ether = 1):	NA
<b>Solubility in Water:</b>	Approximately 0.2

### IV. FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point:</b>	NA
<b>Flammable Limits:</b>	LEL: NA UEL: NA
<b>Extinguishing Media:</b>	Non-combustible
<b>Special Fire Fighting Procedures:</b>	None.
<b>NFPA Ratings:</b>	4 = Severe Hazard, 3 = Serious Hazard, 2 = Moderate Hazard, 1 = Slight Hazard, 0 = Minimal Hazard
<b>Flammability:</b>	0
<b>Health:</b>	0
<b>Reactivity:</b>	0
<b>Unusual Fire and Explosion Hazards:</b>	Vinyl faced panels may give off hydrogen chloride (HCL).

### V. HEALTH HAZARD DATA

**Primary Routes of Entry:** Inhalation, skin and eye contact.

**Health Hazards:** (Acute and Chronic)

**Inhalation:**

Acute: This material is not known to be toxic. When cutting with a power saw, a nuisance dust is created. Persons exposed to large amounts of dust may be forced to leave the area because of nuisance conditions including coughing, sneezing and nasal irritation.

Chronic: In June 1997, the International Agency for Research on Cancer (IARC) concluded there is "sufficient evidence" in humans for the carcinogenicity of inhaled crystalline silica in the form of quartz or cristobalite from occupational sources. In making the overall evaluation, the Working Group noted that carcinogenicity in humans was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. IARC states that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources "is carcinogenic to humans" (Group 1).

In June 1987, the International Agency for Research on Cancer (IARC) concluded there is "inadequate evidence" for the carcinogenicity of glass filaments in humans. IARC states that glass filaments are "not classifiable as to their carcinogenicity to humans" (Group 3).

**Skin Contact:**

Acute: May dry skin.  
Chronic: None Known

**Eye Contact:**

Acute: May cause irritation.  
Chronic: None Known

**Exposure Limits:** OSHA PEL: 5mg/M3 (respirable nuisance dust); 15 mg/M3 total dust. ACGIH TLV: 10mg/M3 (dust).

### VI. REACTIVITY DATA

<b>Stability:</b>	Stable	Condition to Avoid: High humidity condition on back of panel may cause warping.
<b>Incompatibility:</b>	None	
<b>Hazardous Decomposition Products:</b>	Vinyl faced products may emit hydrogen chloride (HCL) in a fire.	
<b>Hazardous Polymerization:</b>	None	

## VII. SPILL AND LEAK PROCEDURES

<b>Procedures for Spills/Leaks:</b>	No special precautions, sweep or vacuum material into a waste container for disposal. Avoid creating excessive dust.
<b>Waste Disposal Method:</b>	May be disposed of as an inert solid in a sanitary landfill or by other procedures in accordance with all federal, state, and local regulations.
<b>Special Handling/Storage:</b>	Store flat in a dry area.

## VIII. SPECIAL PROTECTION INFORMATION

<b>Inhalation:</b>	Move to fresh air.
<b>Skin Contact:</b>	Wash promptly with water.
<b>Eye Contact:</b>	Flush with water to remove particles. If irritation persists, see a physician.

## IX. SPECIAL PRECAUTIONS

<b>Ventilation:</b>	Local exhaust if PEL/TLV is exceeded to minimize dust when power sawing.
<b>Eye Protection:</b>	Safety glasses or goggles when power sawing or installing overhead.
<b>Gloves:</b>	Not normally required, may be desirable to protect against drying of hands.
<b>Respirator:</b>	Not normally required. If cut with a power saw, use NIOSH/MSHA approved respirator for nuisance dust if PEL/TLV is exceeded.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable Federal and State Laws. However, no warranty or representation with respect to such information is intended or given.