

Acoustical Wall Panel Products

Material Safety Data Sheet

TRADE NAMES: Capaul® Brand
Architectural Solutions™ 900
Architectural Solutions™ 1000

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I. PRODUCT IDENTIFICATION

Products: Acoustical Wall Panel Products.

II. INGREDIENTS

Common Name	Material	CAS #	WT%	Exposure Limits in Milligram/Cubic Meter	
				PEL *	ACGIH TLV**
Board	Slag Wool	NA	<50	5	10
	Starch	9005-84-9	<8	5	10
	Clay	1332-58-7	<16	5	10
	Cellulose	9004-34-6	<20	5	10
	Perlite	93763-70-3	<37	5	10
	Crystalline Silica	14808-60-7	<5	0.1	0.1
Fiberglass	Fibrous Glass Wool	65997-17-3	<30	5	10
	Urea Extended Phenol-formaldehyde				
	Resin (Cured)	25104-55-6	<5	NE	NE

*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

Appearance and Odor:	Light brown to gray in color mineral fiber board with no odor. Finished product has vinyl or fabric facing with trimmed or wrapped edges.
Boiling Point (Degrees F):	NA
Melting Point:	NA
Vapor Pressure	NA
Percent Volatile by Volume:	NA
Specific Gravity (Water = 1):	.16 -.25
Vapor Density (Air = 1):	NA
Evaporation Rate (Ethyl Ether = 1):	NA
Solubility in Water:	Insoluble

IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	NA
Flammable Limits:	LEL: NA UEL: NA
Extinguishing Media:	Water fog, foam or dry chemical.
Special Fire Fighting Procedures:	None required.
NFPA Ratings:	4 = Severe Hazard, 3 = Serious Hazard, 2 = Moderate Hazard, 1 = Slight Hazard, 0 = Minimal Hazard
Flammability:	0
Health:	0
Reactivity:	0
Unusual Fire and Explosion Hazards:	Vinyl faced products 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:	Mechanical irritation of nose, throat and lungs. When cut or trimmed, especially with power tools, dust may cause temporary irritation.
Chronic:	In October 2001, the International Agency for Research on Cancer (IARC) concluded there is "no evidence" for the carcinogenicity of man-made vitreous fibers (glass wool, rock wool and slag wool) in humans. Epidemiologic studies published during the 15 years since the previous IARC Monographs review of these fibers in 1988 provide no evidence of increased risks of lung cancer or of mesothelioma from occupational exposures during manufacture of these materials, and inadequate evidence overall of any cancer risk. IARC states that man-made vitreous fibers (glass wool, rock wool and slag wool) are "not classifiable as to carcinogenicity to humans" (Group 3). 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).



Skin Contact:

Acute: Transient mechanical irritation.
Chronic: None known.

Eye Contact:

Acute: Direct contact may cause temporary irritation.
Chronic: None known.

VI. REACTIVITY DATA

Stability:

Stable Condition to Avoid: None

Incompatibility:

H₂S gas can be formed on contact with strong acids.

Hazardous Decomposition Products:

Vinyl faced products will emit Hydrogen Chloride (HCL) in a fire.

Hazardous Polymerization:

Will not occur.

VII. SPILL AND LEAK PROCEDURES

Procedures for Spills/Leaks:

No special precautions required, pick up large pieces, sweep or vacuum material into waste container for disposal. Avoid creating excessive dust. If sweeping is necessary use a dust suppressant.

Waste Disposal Method:

An inert solid waste, dispose in accordance with Federal, State, and Local regulations. The primary method of disposal is in a municipal or industrial landfill.

Special Handling/Storage:

Store flat in a dry area.

VIII. SPECIAL PROTECTION INFORMATION

Inhalation:

Move to fresh air.

Skin Contact:

Flush with water, followed by washing with mild soap.

Eye Contact:

Flush with water for 15 minutes, if symptoms continue seek immediate medical attention.

IX. SPECIAL PRECAUTIONS

Ventilation:

In a dust generating installation use sufficient natural or mechanical ventilation to maintain airborne concentrations below PEL or TLV.

Eye Protection:

Safety glasses, goggles or face shields should be worn when cutting or trimming mineral fiber board, especially with power tools.

Gloves:

Not normally required, may be useful in some applications.

Respirator:

Use of NIOSH/MSHA approved respiratory protection during installation should be used when working with mineral board or fiberglass in any confined or poorly ventilated space, cutting mineral board or fiberglass with power tools or any installation operation which creates a dusty working environment. Use 3M 9900 or equivalent for exposure over 5MG/M³ respirable dust.

Other:

Wear loose fitting, long sleeved clothing closed at neck and wrist, if dusty. Wash work clothes separately from other clothing; then rinse washer thoroughly.

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.

