

MATERIAL SAFETY DATA SHEET

AcoustiTherm Insulated Acoustic Ceiling Tiles

I. PRODUCT IDENTIFICATION

Products: Fiberglass Acoustical Ceiling Product.

II. INGREDIENTS

Common Name	Material	CAS #	WT%	Exposure Limits in Milligram/Cubic Meter	
				PEL*	ACGIH TLV**
Fiberglass	Fibrous Glass Wool	65997-17-3	<85	15	10
	Urea Extended Phenol-formaldehyde				
	Resin (Cured)	25104-55-6	<15	NE	NE
PVC Film	Antimony	7440-36-0	<1	0.5	0.5
	Ketones	78-98-3, 108-10-1	<1	200ppm	200ppm
Fiberglass Mat	Continuous Filament Fiberglass	65997-17-3	<5	5	10

*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:	Yellow insulation which may have a faint resin odor. Products have a vinyl or fabric facing and may have a foil backing.
Boiling Point (Degrees F)	NA
Melting Point:	NA
Vapor Pressure	NA
Percent Volatile by Volume:	NA
Specific Gravity (Water = 1):	0.05-0.10
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, 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).

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V. HEALTH HAZARD DATA

Primary Routes of Entry:	Inhalation, skin and eye contact.
Health Hazards: (Acute and Chronic)	
Inhalation:	
Acute:	Mechanical irritation of mouth, nose and throat.
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 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:	Transient mechanical irritation.
Chronic:	None known.
Eye Contact:	
Acute:	Direct contact may cause mechanical irritation.
Chronic:	None known.

VI. REACTIVITY DATA

Stability:	Stable	Condition to Avoid: None
Incompatibility:	None	
Hazardous Decomposition		
Products:	Binder burns or decomposes in a fire. 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 a 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.

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VIII. SPECIAL PROTECTION INFORMATION

Inhalation:	Move to fresh air area.
Skin Contact:	Flush with water, follow by washing with mild soap to accumulated fibers.
Eye Contact:	Flush with water for at least 15 minutes, if symptoms continue, seek medical attention.

IX. SPECIAL PRECAUTIONS

Ventilation:	In a dust generating installation use sufficient natural or mechanical ventilation to maintain airborne concentrations below PEL and TLV.
Eye Protection:	Safety glasses, goggles or face shields should be worn whenever fiberglass materials are being handled when working overhead.
Respirator:	Use of NIOSH/MSHA approved respiratory protection during installation should be used when working with fiberglass products in any confined or poorly ventilated space, cutting fiberglass products with power tools or any installation operation which creates a dusty working environment. Use 3M 9900 or equivalent for exposures over 5mg/M ³ respirable dust.
Other:	Wear loose fitting, long sleeved clothing. Wash work clothes separately from other clothing; then rinse washer.

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.

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