

## Acoustitherm 600 Material Safety Data Sheet

**MANUFACTURER:** Whisper Walls  
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 Aurora, Colorado 80014

For Product Information Call:  
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 (800) 527-7817

**DATE PREPARED:** March 10, 2008

**PRODUCT NAME:** Acoustitherm 600

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**INGREDIENTS:**

<u>COMMON NAME</u>	<u>CHEMICAL NAME</u>	<u>CAS#</u>	<u>%</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>	<u>OTHER</u>
Glass Fibers	Fibrous Glass	65997-17-3	80-85	See (a.) 10mg/M <sup>3</sup> 3x10 <sup>6</sup> fibers/M <sup>3</sup>	8-hr. TWA	10-hr. TWA (NIOSH-REL)
Cured Binder	Phenol/Formaldehyde Polymer	25104-55-6	5-10	-----None Established-----		

a. OSHA has not yet established a PEL for fibrous glass. OSHA considers it to be a "particulate not otherwise regulated" (PNOR) with a PEL of 5 mg/M<sup>3</sup> for the respirable dust fraction, and 15 mg/M<sup>3</sup> for the total dust fraction. both as an 8-hour TWA.

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**EMERGENCY AND FIRST-AID PROCEDURES:**

- INHALATION:** Move individual to fresh air. Seek medical attention if irritation persists.
- SKIN CONTACT:** Wash with mild soap and running water. Use a washcloth to help remove fibers. To avoid further irritation do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Seek medical attention if irritation persists.
- EYE CONTACT:** Flush eyes with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
- INGESTION:** Do not ingest.

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**FIRE AND EXPLOSION DATA:**

- FLASH POINT (°F):** N.A. (Not Applicable)      **METHOD USED:** N.A.
- AUTO IGNITION TEMPERATURE (°F):** N.A.      **FLAMMABILITY LIMITS (%):** LEL: N.A. UEL: N.A.
- EXTINGUISHING MEDIA:** Water, foam, or dry chemical
- SPECIAL FIRE-FIGHTING INSTRUCTIONS:** In a sustained fire, self-contained breathing apparatus should be worn.

## HEALTH HAZARD DATA:

PRIMARY ROUTS OF EXPOSURE: Inhalation and skin contact.

### ACUTE:

Inhalation: Inhalation of dusts and fibers may result in irritation of the upper respiratory tract (mouth, nose and throat).

Skin contact: Skin contact with dust and fibers may produce itching and temporary mechanical irritation.

Eye contact: Eye contact with dust and fibers may produce temporary mechanical irritation.

Ingestion: Ingestion may result in temporary mechanical irritation of the digestive tract. Observe individual. If symptoms develop, consult a physician.

### CHRONIC:

See carcinogenicity section below. There are no other known health effects associated with chronic exposure to this product.

### CARCINOGENICITY:

<u>HAZARDOUS INGREDIENTS</u>	<u>LISTED BY:</u>	<u>ACGIH</u>	<u>IARC</u>	<u>NIP</u>	<u>OSHA</u>
Fiberglass Wool		No	Yes	No	No

IARC: The International Agency for Research on Cancer (IARC) in June, 1987, classified fiberglass wool as a possible cancer causing agent to humans (group 2B). This classification was based on a combined evaluation of published human and animal studies. The human data included large scale mortality studies of U.S. and European fiberglass wool caused cancer in humans. The classification of fiberglass wool as a possible carcinogen to humans was substantially based on experimental animal studies in which they were exposed to wool fibers through non-natural routes, such as injection or implantation. IARC regards it as prudent to treat a material for which there is sufficient evidence of carcinogenicity to animals as if it is a possible carcinogen in humans

ADDITIONAL INFORMATION: Animal inhalation experiments in which laboratory animals were exposed to large quantities of glass fibers have not resulted in a positive association between glass fibers and lung cancer mortality.

Large scale studies published in 1987 which examined the mortality rates of U.S. and European fiberglass wool factory workers found no statistically significant differences in lung cancer rates between those workers and the population in their local or regional communities. A 1990 update of the U.S. cohort reported a small statistically significant excess for respiratory cancer in workers when compared with populations in their local communities. While the overall mortality rates in these mortality studies were slightly raised and did increase with time since the first exposure, the increases were not related to duration of exposure or to an estimated time weighted measure of exposure. An expanded study is investigating other possible factors.

CALIFORNIA PROP 65 STATEMENT: Warning: Contains fiberglass wool. Possible cancer hazard. To avoid this possible cancer hazard, minimize breathing fiberglass wool dust.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with a history of chronic respiratory or skin conditions that are aggravated by mechanical irritants may be at risk for worsening their condition from exposure to this product.

EMPLOYEE PROTECTION:

VENTILATION: General dilution ventilation and/or local exhaust ventilation should be provided, as necessary, to maintain exposures below PEL's or TLV's. Dust collection systems should be utilized in operations involving high speed cutting/machining, such as routing, and may be required in other operations involving power tools.

RESPIRATORY PROTECTION: Appropriate respiratory protection should be used in accordance with your company's respiratory protection program and OSHA regulations under 29 CFR 1910.134. A properly fitted NIOSH or MSHA approved air purifying respirator such as the 3M Model 8710 or Model 9900 (in high humidity environments) or equivalent should be used when working with fiberglass wool products under the following conditions:

- 1. in any confined or poorly ventilated space;
- 2. fabrication involving power tools;
- 3. any operation that creates a dusty working environment.

EYE PROTECTION: Safety glasses, goggles or face shields should be worn whenever fiberglass materials are handled.

PROTECTIVE CLOTHING: Wear loose fitting, long sleeved shirt that covers to the base of the neck, and long pants. Skin irritation from exposure to fiberglass is known to occur chiefly at pressure points such as around the neck, wrist, and waist. Wear gloves when handling product.

WORK/HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practices:

- Avoid unnecessary exposure to dust and fibers
- Remove dusts and fibers from the skin after exposure
- Be careful not to rub or scratch irritated areas. Rubbing or scratching may force the fibers into the skin. The fibers should be washed off. Use of barrier creams can, in some circumstances, be helpful.
- Use vacuum equipment to remove fibers and dusts from clothing. Compressed air should never be used. Always wash work clothes separately and wipe out the washer/sink in order to prevent loose glass fibers from getting on other clothes.
- Keep the work area clean of dusts and fibers generated during fabrication. Use vacuum equipment to clean up dusts and fibers. Avoid sweeping or using compressed air as these techniques re-suspend dusts and fibers into the air.
- Have access to safety showers and eye wash fountains.

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REACTIVITY DATA:

STABILITY (Conditions to Avoid): Stable (none)

INCOMPATIBILITY (Materials to Avoid): None

HAZARDOUS DECOMPOSITION PRODUCTS: The binders (15% to 25% of the composition) burn or decompose in a fire. The primary combustion products are carbon monoxide, carbon dioxide, and water.

HAZARDOUS POLYMERIZATION: Will not occur.

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STORAGE PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a dry place away from heat sources over 200°F

PHYSICAL DATA:

<u>MELTING POINT (F°):</u> N.A.	<u>BOILING POINT (F°):</u> N.A.
<u>SPECIFIC GRAVITY (H2O=1):</u> N.D. (Not Determined)	<u>PERCENT VOLATILE BY VOLUME:</u> N.A.
<u>VAPOR PRESSURE (mmHg @ 20°C):</u> N.A.	<u>VAPOR DENSITY (Air=1):</u> N.A.
<u>EVAPORATIVE RATE (Ethyl Ether=1):</u> N.A.	<u>SOLUBILITY IN WATER:</u> Insoluble
<u>pH:</u> N.A.	
<u>APPEARANCE AND ODOR:</u> Product may be pink, tan or yellow in color and may have a faint resin odor.	

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ENVIRONMENTAL PROTECTION:

ACTION TO TAKE FOR SPILLS: N.A.

WASTE DISPOSAL METHOD: Uncontaminated waste should be packaged in large polyethylene bags and returned to EFTEC, Inc. for recycling. If contaminated with nonhazardous chemicals or materials, dispose of in a municipal or industrial landfill. Otherwise the waste should be disposed if in accordance with the procedures for the contaminated on the waste fibers.

EPA HAZARDOUS WASTE NUMBER: This material is not required under the "RCRA" hazardous waste regulations.

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SHIPPING INFORMATION:

DOT SHIPPING DESCRIPTION: N.A.

HAZARDOUS CLASSIFICATION: (Primary) Nonhazardous (Secondary) N.A.

ID NUMBER: None IMO CLASS NUMBER: N.A. STCC NUMBER: N.A.

LABELS REQUIRED (if not excepted): N.A.

EPA HAZARDOUS SUBSTANCE: N.A. RO VALUE: N.A.

PACKAGING REQUIREMENTS (49CFR): (Specific) N.A. (Exceptions) None

MAXIMUM NET QUANTITY IN ONE PACKAGE: (Cargo only aircraft) N.A. (Passenger aircraft) N.A.

IATA PACKAGING GROUP: N.A. FREIGHT DESCRIPTION: N.A.

ADDITIONAL INFORMATION: None

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SARA TITLE III HAZARD CATEGORIES AND LISTS:

<u>CATEGORIES:</u>	<u>SARA III LISTINGS:</u>
ACUTE HEALTH: Yes	SEC. 302 (SEC. 304 reportable), EXTREMELY HAZARDOUS SUBSTANCES: None
CHRONIC HEALTH: Yes	CERCLA HAZARDOUS SUBSTANCE (SEC. 304 reportable): None
FIRE HAZARD: No	SEC. 313, TOXIC CHEMICALS: None
PRESSURE HAZARD: No	
REACTIVITY HAZARD: No	

  

<u>NPCA - HMIS RATING:</u>	<u>NFPA RATING:</u>
HEALTH (acute): 1	HEALTH: 2
FLAMMABILITY: 0	FLAMMABILITY: 2 (packaging)
REACTIVITY: 0	REACTIVITY: 0
PERSONAL PROTECTION: Must be provided by user depending on use conditions.	UNUSUAL HAZARDS: None