

## 1: Identification

**PRODUCT IDENTIFICATION:** Low density cured fiberglass insulation products - batts, rolls and loosefill using ecoGuard Technology.

**COMPANY:** Knauf Insulation  
979 Batesville Rd. Suite B  
Greer, SC 29651  
800-609-8373

**CONTACT:** Health, Safety and Environment  
517-630-2072

**24-HOUR EMERGENCY RESPONSE INFORMATION:** Chemtrec 1-800-424-9300

## 2: Hazard Identification


**WARNING**

Eye, skin and respiratory tract irritant.

**Hazard Statement**

**Inhalation:** Fiberglass wool may cause mechanical irritation of the upper respiratory tract.

**Skin Contact:** Direct contact with the skin may cause mechanical irritation.

**Eye Contact:** Direct contact with the eyes may cause mechanical irritation.

## 3: Composition/Information On Ingredients

INGREDIENTS	HAZARD	CAS NO.	%	TLV*	*The TWA TLV of 1 f/cc is a protection standard voluntarily adopted by the fiberglass industry and is a recommendation of ACGIH and California's ACAC.
Fibrous Glass	Nuisance Dust, Irritant	65997-17-3	90-100%	1 f/cc	
Dedusting Oil	N/A	N/A		N/A	
<b>Adhesives used to adhere facings include:</b>					
<u>Kraft/Foil Faced products:</u>					
Mineral Oil, white	Mild Irritant	8042-47-5	5-10		
Wax, polyethylene	Mild Irritant	9002-88-4	1-5		
Waxes, paraffin	Mild Irritant	8002-74-2	1-5		
<u>Vinyl faced laminated products:</u>					
Aluminum nitrate -9-hydrate	Mild Irritant	7784-27-2	1-5		

## 4: First Aid Measures

**Skin Contact:** Do not rub. Wash with soap and water. Use skin cream to sooth irritation. Wash clothes separately. A shower after work is recommended. Irritation typically will not persist if good personal hygiene habits are followed.

**Eye Contact:** Flush with running water for at least 15 minutes. Using sterile eye wash, flush foreign bodies from eyes.

**Inhalation:** Remove from exposure.

If irritation persists in any of these situations, a physician should be consulted.

## 5: Fire-Fighting Measures

**Flash Point:** N/A

**Flammability Limits:** N/A

**Auto-Ignition Temperature:** N/A

**Extinguishing Media:** Water, foam, dry chemical

**Special Fire-fighting Procedure:** None

**Unusual Fire Hazards:** Fiberglass insulation is a non-flammable product. The kraft and foil facing and packaging material will burn; caution should be used when working close to the facing or packaged material with open flame. Chemicals in adhesives, facings or plastic packaging products that do not present a health hazard under normal conditions may be released during a fire. Toxic fumes and gases that may result from incomplete combustion include carbon monoxide, hydrogen chloride and low-level cyanides. In case of overexposure, remove to fresh air. If breathing is difficult, administer oxygen and consult a physician.

## 6: Accidental Release Measures

**Cleanup:** Avoid dust-generating means of clean-up.

## 7: Handling And Storage

Store faced or packaged material away from sources of ignition and have fire-fighting equipment available.

## 8: Exposure Controls/Personal Protection

**Exposure Limits:** Inhalation. Fiberglass wool may cause mechanical irritation of the upper respiratory tract. Use of a 2-strap NIOSH-Approved N-95 Filtering Facepiece respirator, such as a 3M model 8210 or equivalent is recommended when handling loose-fill, when exposure is unknown or when fibers exceed the TLV of 1 f/cc. Operations which generate high airborne fiber concentrations (over 10 times the TLV) require additional respiratory protection.

**Skin Contact:** Direct contact with the skin may cause mechanical irritation. Long sleeves, loose fitting clothing, gloves, and eye protection are recommended. If irritation occurs, wash exposed areas with soap and water after handling. Wash clothes separately and rinse out washer after each use. Following a thorough review of all the medical data available, the International Agency for Research on Cancer (IARC) has classified glass wool insulation as Group #3, "not classifiable as to carcinogenicity to humans." IARC has stated there is "no evidence of increased risks of lung cancer or of mesothelioma... from occupational exposures during the manufacture of these materials, and inadequate evidence overall of any cancer risk."

<u>Ingredients</u>	<u>OSHA Permissible Exposure Levels</u>
Fibrous Glass	TWA (Total Dust) = 15 mg/m <sup>3</sup> TWA (Respirable Dust) = 5 mg/m <sup>3</sup>
Dedusting Oil	<1%
<b>Adhesives used to adhere facings include:</b>	
<u>Kraft/Foil Faced products:</u>	
Mineral Oil, white	TWA Mist = 5 mg/m <sup>3</sup>
Wax, polyethylene	TWA (fume) = 2 mg/m <sup>3</sup>
Waxes, paraffin	TWA (fume) = 2 mg/m <sup>3</sup> and hydrocarbons
<u>Vinyl faced laminated products:</u>	
Aluminum nitrate -9-hydrate	N/A

## 9: Accidental Release Measures

<b>Boiling Point (*f):</b> N/A	<b>Specific Gravity (H<sub>2</sub>O) = 1:</b> 2.6	<b>Vapor Pressure (mm Hg.):</b> N/A
<b>Percent Volatile By Volume:</b> <1%	<b>Vapor Density (Air=1):</b> N/A	<b>Solubility in Water:</b> None
<b>Evaporation Rate:</b> N/A		

**Appearance and Odor:** Resilient or solid structure containing glass fibers and binding materials used as blankets, boards, or loose-fill insulation.

## 10: Stability And Reactivity

**Stability:** Stable      **Incompatibility:** None      **Hazardous Polymerization:** Will not occur

## 11: Toxicological Information

Data not available.

## 12: Ecological Information

This material is not regulated under hazardous waste regulations.

## 13: Disposal Considerations

Dispose of scrap material according to federal, state and local regulations.

## 14: Transport Information

Reference Bill of Lading

## 15: Regulatory Information

N/A

## 16: Other Information

The information provided in this SDS is accurate to the best of Knauf Insulation's knowledge and is provided in good faith. No warranty is given with respect to its accuracy and/or reliability. The information relates only to the particular product and not to the product when used in combination with any other materials. It is the user's responsibility to take proper precautions when using this product and ensure its own compliance with applicable local, state and federal laws and regulations.

Revised October 2014