

SAFETY DATA SHEET



HAMFAB TYPE 1000°

Section I. Identification

Identity: HAMFAB TYPE 1000° Insulation - Board, Fitting Insulators

Product Use: Insulation Board, Fitting Insulators

Manufacturer's Name: ICA, Inc.

Address: 500 South Ninth Street, Lehigh, PA 18235

Emergency Telephone Number: (610) 377-6100

Telephone Number for Information: (610) 377-6100

Section II. Hazards Identification

Identifiable Components:	CAS#	OSHA PEL	ACGIH TLV
None	N/A	N/A	N/A

Biosolubility:

The insulation products covered by this SDS are independently certified by EUCEB to be manufactured using biosoluble glass formulations and thus exempt from labeling under NTP or California Prop 65 requirements.

	HMIS Rating	NFPA Rating
Health	1	1
Flammability	0	0
Reactivity:	0	0

Section III. Composition/Information on Ingredients

Common Name	Chemical Name	CAS#	Wt%
Fiberglass Wool	Fibrous Glass	65997-17-3	83-92
Proprietary Cured Binder	N/A	N/A	8-17

Section IV. First Aid Measures

Primary Routes of Entry: Via respirable fibers to the lungs and respiratory system and airborne fibers to the skin and eyes.

Primary Target Organs: Lungs, respiratory system, skin and eyes.

Potential Health Effects:

Acute: Mechanical irritation of the skin, eyes and upper respiratory system. Fiber glass wool is classified as a nuisance dust by OSHA.

Inhalation: Move to fresh air. Seek medical attention if irritation persists. Drink water to clear throat, and blow nose to remove dust. A saline spray in the nose may help clear any fibers.

Eye Contact: Do not rub or scratch eyes. Dust particles may cause the eye to be scratched. Wash eyes with running water for at least 15 minutes. 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 fiber into skin. Seek medical attention if irritation persists.

Ingestion: Ingestion of this material is unlikely. If this does occur, rinse mouth with water to remove dust and fibers and drink plenty of water to help reduce irritation. If irritation persists, seek medical attention.

Section V. Fire Fighting Measures

Flash Point, °C, Test Method:

None

Auto-Ignition Temperature:

NA

Upper Flammable Limit (UFL):

Not applicable

Lower Flammable Limit (LFL):

Not applicable

General Fire Hazards: There is no potential for spontaneous fire or explosion. Inorganic glass fibers are naturally non-combustible and nonflammable. Binder can thermally decompose with elevated temperatures causing dense smoke.

Extinguishing Media: Carbon dioxide (CO₂), water, water fog, dry chemical.

Fire Fighting Instructions: No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases. Use self contained breathing apparatus in a sustained fire.

Unusual Fire and Explosion Hazards: None

Section VI. Accidental Release Measures

Clean-Up Procedures: Pick up large pieces. Vacuum dusts. Place in closable container for disposal.

Section VII. Handling and Storage

No special storage or handling procedures is required for this material.

Work/Hygienic Practices: Wash work clothing separately. Wash exposed skin area immediately with warm, soapy water.

Section VIII. Exposure Controls / Personal Protection

Ingredient	OSHA PEL	ACGIH TLV
Fibrous Glass	15 mg/m ³ TWA (total particulate) 5 mg/m ³ TWA (respirable particulate)	1 fiber/cc TWA for respirable fibers longer than 5 μ m with a diameter less than 3 μ m
Cured Binder	None	None

Respiratory protection: Use 3M Model 8210, 8710, 9900(in high humidity or high heat environment) or equivalent, NIOSH-certified dust respirator with efficiency rating of N95 or higher (under 42 CFR 84) when working with this product.

Skin Protection: Long-sleeved, loose fitting clothing and gloves.

Eye Protection: Goggles or face shield.

Engineering Control: General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below regulatory limits. Dust collection systems should be used in operations involving cutting or machining and may be required in operations using power tools.

Section IX. Physical and Chemical Properties

Boiling Point, °C:	NA
Vapor Pressure, mmHg at 20°C:	NA
Vapor Density (Air=1):	NA
Solubility in Water:	Insoluble
VOC, g/liter (Lb/Gallon):	0
Appearance & Odor:	Brown insulation - may possess faint resin odor.
Specific Gravity (H ₂ O=1):	Unknown
Volatile volume %:	0
Evaporation Rate (n-Bu. Ac.=1):	NA
Melting Point: >1300°F	Viscosity: NA

Section X. Stability & Reactivity Information

Stability: Unstable Stable

Incompatibility (Material to Avoid): Hydrofluoric acid.

Hazardous Polymerization: Will occur Will not occur

Photochemical Reactivity: Yes No

Hazardous Decomposition products: The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning, of the resin. These decomposition products may include carbon monoxide, carbon dioxide and carbon particles.

Section XI. Toxicological Information

A: LD50: N/Av **LC50:** N/Av

B: Component Carcinogenicity: Fiberglass Wool

IARC: Group 3 (not classifiable)

NTP: Not listed

OSHA: Not listed

ACGIH: A3 (animal carcinogen with unknown relevance to humans)

Medical Conditions Aggravated by Exposure: Pre-existing chronic upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Skin disease such as dermatitis.

Section XII. Ecological Information

Ecotoxicity: No data exists for this product.

Section XIII. Disposal Considerations

Spill Response:

Land Spill: Scoop up or vacuum material and put into suitable container for disposal as a non-hazardous waste.

Water Spill: This material will sink and disperse along the bottom of waterways and ponds. It can not easily be removed after it is waterborne; however, the material is non-hazardous in water.

Air Release: This material will settle out of the air. It can then be scooped up or vacuumed for disposal as non-hazardous waste.

RCRA Hazard Class: Non-Hazardous

Disposal Instructions: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Section XIV. Transport Information

DOT Proper Shipping Name:
Not Regulated

ID Number:
None

DOT Classification:
Non-hazardous

Label Required:
None

Packaging Requirements:
None

RQ:
None

Max. Net Quantity in One Package:
None

International Transport Regulations: These products are not classified as dangerous goods according to international transport regulations.

Section XV. Regulatory Information

OSHA: This product is regulated as a nuisance under OSHA criteria.

TSCA: All components are listed on TSCA Inventory: Yes No

SARA Title III:

Hazard Categories:

Acute Health: Yes

Chronic Health: Yes

Fire Hazard: No

Pressure Hazard: No

Reactivity Hazard: No

Section 302 Extremely Hazardous Substance List, 40 CFR 355: Yes No

Section 311/312 Hazard categories: Yes No

Section 313 Toxic Chemical Lists, 40 CFR 372.65: Yes No

California Proposition 65: This product is exempt from labeling requirements under this Act.

Canada (WHMIS): This product is a class D2A controlled product.

Section XVI. Other Information

Superseded: December 10, 2013

Revised: December 29, 2014

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Issued Date: January 20, 2016