

SAFETY DATA SHEET



Mineral Wool 1200 Insulation

Section I. Identification

Identity: Mineral Wool 1200 Insulation - Board, Fitting Insulators

Product Use: Insulation Board, Fitting Insulators

Manufacturer's Name: ICA, Inc.

Address: 500 South Ninth Street, Lehighton, 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

	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%
Mineral Wool	Mineral Fiber	65997-17-3	95-99
Cured Binder	Urea extended phenol-formaldehyde resin	25104-55-6	1-5

Section IV. First Aid Measures

Primary Routes of Entry: Inhalation (breathing dust and fibers), skin, and eye contact.

Inhalation: Inhalation of excessive amounts of dust created when fabricating, cutting, or other mechanical alterations of the product may cause temporary upper respiratory irritation and/or congestion. Breathing large amounts of dust or fibers from this product may lead to chronic health effects as discussed in Section 11 of this safety data sheet.

Skin: Temporary irritation (itching) or redness may occur.

Ingestion: Ingestion of this material is unlikely. If ingested, it may cause temporary irritation to the gastrointestinal (digestive) tract.

Inhalation: Move to fresh air. Seek medical attention if irritation persists.

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 mineral wool fibers are naturally non-combustible and nonflammable. Organic binder can thermally decompose with elevated temperatures.

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.

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
Mineral Wool	15 mg/m ³ TWA (total particulate) 5 mg/m ³ TWA (respirable particulate)	10 mg/m ³ TWA (inhalable particulate) 3 mg/m ³ TWA (respirable particulate)
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
pH:	Around 7
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 ammonia.

Section XI. Toxicological Information

Component Carcinogenicity: Mineral 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: Chronic respiration or skin condition may temporarily worsen from exposure to these products.

Section XII. Ecological Information

This product should not have any impact on the environment.

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

IATA/ICAO Shipping Description: Not regulated

IMO Shipping Description: Not regulated.

Section XV. Regulatory Information

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 313 Toxic Chemical Lists, 40 CFR 372.65: Yes No

California Proposition 65: Formaldehyde content in this product is below SARA 313 0.1% reportable quantity. Formaldehyde is listed as a chemical known to the state of California to cause cancer.

Section XVI. Other Information

Superseded: January 31, 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.

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