

# MATERIAL DATA SAFETY SHEET

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## Mineral Wool 1200

### Section I. Identity And Company Information

**Identity:** Mineral Wool 1200 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

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### Section II. Ingredient Information

Common Name	Chemical Name	CAS#	Wt%
Mineral Wool	Mineral Fiber	65997-17-3	96-99
Cured Binder	Urea Extended	25104-55-6	1-4
	Phenol/Formaldehyde		
Formaldehyde (Trace)	Formaldehyde	50-00-0	<0.1

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### Section III. Health Hazard Data

**Primary Route(S) Of Entry:**

Inhalation, Skin, Eye

**Potential Health Effects:**

Acute: Dust may cause mechanical irritant and may cause irritation or soreness of the eyes, skin and mucous membranes of respiratory tract.

Chronic: In October 2001 The IARC concluded its re-evaluation of the carcinogenic risk of mineral wool fibers. The result was a reclassification of the fibers from group 2B (possibly carcinogenic to humans) to group 3 (not classifiable as to the carcinogenicity to humans). Epidemiological studies published during the 15 years prior to the 2001 IARC review provide no evidence of increased risk of cancer from occupational exposure during manufacture or use of mineral wool fiber.

**Component Carcinogenicity:**

Mineral Wool

IARC: Group 3 (not classifiable)

NTP: Not Listed

OSHA: Not Listed

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

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## Formaldehyde

IARC:	Group I (carcinogen to humans)
NTP:	Group IIB (reasonably anticipated to be a human carcinogen)
OSHA:	Cancer Hazard (29 Cfr 1910.1048)
ACGIH:	A2 (suspected human carcinogen)

### Medical Conditions Aggravated By Exposure:

Chronic respiration or skin condition may temporarily worsen from exposure to these products.

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## Section IV. Emergency And First Aid Procedures

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

**Eye Contact:** 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, observe individual for several days to insure that intestinal blockage does not occur.

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## Section V. Fire & Explosion Hazard Data

Flash Point, °C, Test Method:	None
Auto-Ignition Temperature:	Na
Flammable Limits, Vol%:	None
Extinguishing Media:	Water, foam, CO <sub>2</sub> or dry chemical

### Fire Fighting Instructions:

Use self-contained breathing apparatus in a sustained fire.

### Unusual Fire And Explosion Hazards:

Special care should be taken when working close to products with special facings coatings, as these may burn.

## Section VI. Exposure Limits And Personal Protection

Ingredient	OSHA PEL	ACGIH TLV
Mineral Fiber	15(T), 5(R) mg/m <sup>3</sup> , TWA	10(T), 3(R) mg/m <sup>3</sup> , TWA
Cured Binder	None	None
Formaldehyde	0.75 ppm TWA, 2 ppm STEL	0.3 ppm Ceiling

### Personal Protection:

Respiratory Protection: 3M model 8710, 3M 9900 (in high humidity environments) or equivalent for exposures over 5mg/m<sup>3</sup> respirable dust.

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.

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## Section VII. Physical And Chemical Properties

Boiling Point, °C:	Na
Specific Gravity (H <sub>2</sub> O=1):	Unknown
Vapor Pressure, MmHg At 20°C:	Na
Volatile Volume %:	0
Vapor Density (Air=1):	Na
Evaporation Rate (N-Bu. Ac.=1):	Na
Solubility In Water:	Insoluble
Ph:	Around 7
Voc, G/Liter (Lb/Gallon):	0
Viscosity:	Na
Appearance & Odor:	Grey Insulation - May possess faint resin odor. Some products have a foil or battery mat facing.

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## Section VIII. Reactivity Data

Stability:	<input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable
Incompatibility (Material To Avoid):	Hydrofluoric Acid.
Hazardous Polymerization:	<input type="checkbox"/> Will Occur <input checked="" type="checkbox"/> Will Not Occur
Photochemical Reactivity:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Hazardous Decomposition Products:	None, except in fire. See Section V of msds for combustion product statement.

## Section IX. Environmental Protection Information

### 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 cannot 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

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## Section X. Special Precautions

### Handling & Storage:

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

### Precautions For Repairs & Maintenance Of Contaminated Equipment:

Avoid inhalation.

### Work/Hygienic Practices:

Wash work clothing separately. Wash exposed skin area immediately with warm, soapy water.

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## Section XI. 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

## Section XII. Regulatory And Hazard Rating 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 is regulated as carcinogen.

### HMIS Rating:

Health \*1  
Flammability 0  
Physical Hazard 0

### NFPA Rating:

Health 2  
Flammability 2 (facing, packaging)  
Reactivity 0