

ISOLATEK® Mineral Wool

Information Source: Isolatek International | April 18, 2017

Product Use/Class: Insulation, reinforcement, filler

Product Name:

ISOLATEK® Mineral Wool

Fibrox® 300 HD

Fibrox® 030

Fibrox® 300 MX

Fibrox® 100 FC

Fibrox® 300

PMF® Fiber 204

Fiberwear CG

PMF® Fiber 204 BX

PMF® Fiber 204 CX

Fibrox® 300 HDS

MANUFACTURER

United States Mineral Products Company
 dba Isolatek International
 41 Furnace Street
 Stanhope, NJ 07874 USA
 973-347-1200

IN CASE OF EMERGENCY CALL:

CHEMTREC
 800-424-9300 (USA)
 +1 703-527-3887 (Int'l)

PREPARER: R&D Department

SUPERSEDES: NOVEMBER 25, 2015

HAZARDS IDENTIFICATION

GHS Classification:

Hazard Class

Skin Irritation

Skin Sensitizer

Eye Irritation

Inhalation Toxicity

Hazard Category

2

1 S

2B

4

Route of Exposure

Skin

Skin

Eye

Nose/Mouth

Global Harmonization Labeling and Classification:

Signal word: Warning

Hazard Symbol(s): GHS07



Overview: This product is not classified as to carcinogenicity to humans. Dust may cause transitory mechanical irritation to skin, eyes or respiratory tract

Primary Route(s) of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Medical Conditions Prone to Aggravation by Exposure: Sensitive skin; respiratory conditions

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HAZARDS IDENTIFICATION *continued*

Hazard Statements:	
H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H320	Causes eye irritation.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:	
P202	Do not handle until safety precautions have been read and understood.
P261	Avoid breathing dust/ fumes/ gas/ mist/ vapours/ spray.
P271	Use only outdoors or in a well ventilated area.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
P284	Wear respiratory protection.
P402+P403	Store in a dry place. Store in a well ventilated place.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

Response:	
P301+P330 P331+P312	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/ physician if you feel unwell.
P302+P352+ P332+P313+ P363	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.
P304+P340+ P342+P313	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/ attention.
P305+P351+ P338+P337+ P313	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Storage:	
P402+P403+ P232	Store in a dry place. Store in a well ventilated place. Protect from moisture.

Disposal:	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations (see section 13).

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	EINECS Number	CAS Number	Wt. % (Max.)
MMVF note Q fibers [Man-made vitreous (silicate) fibers with random orientation with alkaline and alkali earth oxides (Na ₂ O+K ₂ O+CaO+MgO+BaO) content greater than 18% by weight]	926-099-9	65997-17-3	> 99.5

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FIRST AID MEASURES

General – If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

First Aid – Skin Contact: Wash with soap and water. Remove contaminated clothing. If persistent irritation occurs, seek medical attention.

First Aid – Eye Contact: Flush eyes thoroughly with copious amounts of water. Seek medical attention if irritation persists.

First Aid – Inhalation: Remove to fresh air. Seek medical attention if irritation persists.

First Aid – Ingestion: Do not induce vomiting. Rinse mouth out with water. Seek medical attention if irritation persists.

Protection of first aid responders: Wear proper personal protective clothing and equipment.

FIRE FIGHTING MEASURES

Extinguishing Media: Not Applicable. Product will not burn.

Unusual Fire & Explosion Hazards: None.

Special Firefighting Procedures: None.

ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Material Is Released Or Spilled: Sweep up material and place in disposal containers. Avoid inhalation of dust. Dispose of material in accordance with all federal, state, and local regulations. Use personal protective equipment as necessary.

HANDLING AND STORAGE

Precautions for safe handling: Avoid inhalation of dust. Avoid skin & eye contact. Wear skin and eye protection during use. Use normal personal hygiene to remove materials, contaminants; wash clothing separately before re-use.

Conditions for safe storage: Keep dry. Keep containers closed when not in use. Store in a cool, dry place with adequate ventilation.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible Exposure Limits

Chemical Name	EINECS Number	CAS Number	OSHA PEL	ACGIH TLV	NIOSH	Mexico
MMVF note Q fibers	926-099-9	65997-17-3	15 mg/m ³ TWA (Total Dust) 5mg/m ³ (Respirable Fraction)	1 f/cc TWA	5 mg/m ³ TWA (Total Dust)	N/A

Engineering Controls: Exhaust fans may be necessary when using in enclosed area.

Respiratory Protection: Wear a proper disposable dust mask to prevent exposure above the limits specified.

Skin Protection: Wear gloves and use hand creams to prevent dry skin.

Eye Protection: Wear proper eye protection; at minimum, safety glasses with side shields.

Work / Hygienic Practices: Use bag opening procedures which minimize dust release.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White to Charcoal
Odor:	Low odor
pH:	Not Applicable
Melting Point (°F):	>1800°F (981°C)
Boiling Point (°F):	Not Applicable
Flash Point:	Not Applicable
Evaporation Rate:	Not Applicable
Flammability:	Not Applicable
Lower Explosive Limit:	Not Applicable
Upper Explosive Limit:	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Bulk Density (kg/mm3)	Not Applicable
Solubility in Water:	Negligible
Specific Gravity (H₂O=1):	Not Applicable
Physical State:	Solid
% Volatiles:	Not Applicable
Viscosity:	Not Applicable
Auto ignition temperature:	Not Applicable

STABILITY AND REACTIVITY

Stability: Stable
Reactivity: Not reactive
Incompatibility: Acids
Hazardous Polymerization: Will not occur
Hazardous Decomposition: Oxides of carbon and smoke would be produced at high temperatures with thermal decomposition.

TOXICOLOGICAL INFORMATION

Carcinogenicity	IARC			NTP		OSHA	LD50/LC50
	Group 1	Group 2	Group 3	Known	Suspect		
MMVF note Q fibers	No	No	Yes (not classifiable as to human carcinogenicity)	No	No	No	No Data Available

Acute Data:
Man-made vitreous fibers (EINECS # 926-099-9)
Oral LD50 RAT: Not determined
Dermal LD50 RAT: Not determined

Skin Irritation: Mechanical Irritant
Eye Irritation: Mechanical Irritant
 Contact with mineral wool fibers may cause temporary eye and skin irritation (mechanical). When products are handled continually, the skin irritation generally diminishes.
Chronic Data: Inhalation: In October 2001, the International Agency for Research on Cancer (IARC) classified mineral wool fibers (rock or slag) as Group 3 (not classifiable as to carcinogenicity to humans).

ECOLOGICAL INFORMATION

Ecological Information: Not expected to have an adverse effect on the ecology.

DISPOSAL CONSIDERATIONS

Disposal Information: For waste disposal purposes, this product is not known to be designated as hazardous by current provisions under RCRA. Dispose of in accordance with federal, state and local regulations.

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TRANSPORTATION INFORMATION

Proper Shipping Name: Not Applicable
Technical Name: Not Applicable
Hazard Class: Non-Hazardous
UN/NA Number: Not Applicable
Additional Notes: None

REGULATORY INFORMATION

U.S. Federal Regulations SARA 311/312	Immediate Health (Acute) No	Delayed Health (Chronic) Yes	FIRE No	PRESSURE No	REACTIVE No
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U.S. State Regulations	State Hazardous Substance List							
	EINECS Number	CAS Number	CA	MA	MN	NJ	PA	RI
	926-099-9	65997-17-3	No	No	No	No	No	No

International Regulations as Follows:

Chemical Inventory Status

All chemicals in this product are listed or exempt from listing in the following countries:

U.S	Canada	Europe	Australia	Korea
TSCA	DSL NDSL	EINECS ELINCS	AICS	ECL
Yes	Yes No	Yes	Yes	Yes

Canadian WHMIS

This SDS has been prepared in compliance with Controlled Product Regulations and contains all information required.

CANADIAN WHMIS CLASS: D2B

HMIS Rating

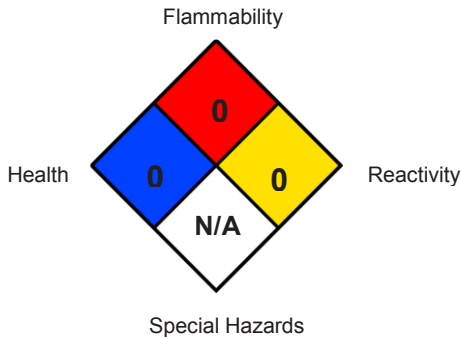
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	e

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OTHER INFORMATION

NFPA



Prepared By: Research Department, U.S.A.
 Telephone: (973) 347-1200

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