



## MATERIAL SAFETY DATA SHEET

### Section 1 – Product / Company Information

**Product Name:** Isolatek Mineral Wool  
PMF<sup>®</sup> Fiber 204  
PMF Fiber 204 BX  
PMF Fiber CX  
Fiberwear<sup>™</sup> CG  
Fiberwear RCX

**Effective Date:** February 15, 2011

**Supersedes:** New

**Manufacturer:** Isolatek International  
41 Furnace Street  
Stanhope, NJ 07874 USA  
973-347-1200

**Preparer:** R&D Department

**CHEMTREC Transportation**  
**Emergency Phone #:** 800-424-9300 / 703-527-3887 (Intl.)

### Section 2 – Composition / Information on Ingredients

CAS Number	Name	Weight Percent
65997-17-3	Slag Wool	> 99.5

### Section 3 – Hazards Identification

**NFPA Ratings** - Health: 1, Fire: 0, Reactivity: 0  
Hazard Scale: 0 = Minimal, 1 = slight, 2 = Moderate, 3 = Serious, 4 = Severe

**Emergency Overview:** Exposure to slag wool during use may cause temporary irritation.

**Potential Health Effects:**

**Inhalation:** Irritation, cough, difficulty breathing

**Skin:** Irritation

**Eye:** Irritation

**Ingestion:** Irritation

### Section 4 – First Aid Measures

**Inhalation:** Remove to fresh air. Seek medical attention in the event of persistent irritation.

**Skin Contact:** Remove contaminated clothing. Wash skin with soap and water. Seek medical attention in the event of persistent irritation.

**Eyes:** Flush eyes with water. Seek medical attention in the event of persistent irritation.

**Ingestion:** Do not induce vomiting. Seek medical attention in the event of persistent irritation.

## Section 5 – Fire Fighting Measures

### Flammable Properties

Slag wool does not present a fire or explosion hazard.

### Extinguishing Media

Regular dry chemical, carbon dioxide, water, foam

### Protective Equipment and Precautions for Fire Fighters

Wear full protective fire fighting gear.

### Fire Fighting Measures

Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products.

### Hazardous Combustion Products

Carbon dioxide, Carbon monoxide

## Section 6 – Accidental Release Measures

### Occupational Spill / Release:

Provide ventilation. Dispose in accordance with all current regulations and standards.

## Section 7 – Handling And Storage

**Handling Procedures:** Avoid contact with skin and eyes. Avoid inhalation of particulate. Wash thoroughly after handling.

**Storage Procedure:** Store in accordance with all current regulations and standards. Keep separated from incompatible substances.

## Section 8 – Exposure Controls / Personal Protection

**Exposure Guidelines:** Provide ventilation and personal protective equipment.

<b>Exposure Limits:</b> ACGIH	NIOSH
1 fiber/cm <sup>3</sup> TWA	3 fibers/cm <sup>3</sup> TWA
	5 mg/m <sup>3</sup> TWA (Total)

### Ventilation

Provide dust-handling systems such as exhaust ducts and dust collectors. Ensure compliance with applicable exposure limits

### Personal Protective Equipment

#### Eyes/Face

Safety goggles

#### Protective Clothing

Wear long-sleeved, loose fitting clothing. Wash work clothes separately from other clothing.

#### Glove Recommendations:

Wear leather or cotton gloves to prevent skin contact.

#### Respiratory Protection Equipment:

Wear a respirator (3m Model 8210 dust mask or equivalent or NIOSH approved N-95 respirator).

## Section 9 – Physical And Chemical Properties

<b>Physical State:</b>	Solid
<b>Appearance:</b>	Glass Fiber
<b>Color:</b>	White to charcoal
<b>Odor:</b>	Low Odor
<b>Melting Temp:</b>	>1800°F

<b>Specific Gravity:</b>	>1
<b>Water Solubility:</b>	Negligible

## Section 10 – Stability And Reactivity

### Chemical Stability:

Stable at normal temperature and pressures.

### Conditions to Avoid:

Inhalation of particulate. Contact with skin and eyes. Ignition sources. Oxidizers and strong acids.

### Combustion Products:

Carbon dioxide, carbon monoxide

## Section 11 – Toxicological Information

### Acute:

Irritation

### Chronic:

Current OSHA standards state that there is insufficient evidence that synthetic mineral fibers cause respiratory disease in humans.

### Component Analysis – LD50/LC50

No data available

### Carcinogenicity

### ACGIH

A3 – Confirmed Animal Carcinogen with Unknown Relevance to Humans

### IARC

Monograph 81 [2002];  
Monograph 43 [1998] (Group 3 (not classifiable))

## Section 12 – Ecological Information

### Ecological:

No detrimental effects to the ecology are known.

## Section 13 – Disposal Considerations

### Disposal Methods:

Dispose in accordance with all applicable regulations.

### Component Waste Numbers:

The U.S. EPA has not published waste numbers for this product's components.

## Section 14 – Transportation Information

### US Dot Information:

Not regulated

## Section 15 – Regulatory Information

### U.S. Federal Regulations:

None of this products components are listed under SARA Section 302 (40 CFR 355 appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4, TSCA 12(b), or require on OSHA process safety plan.

### US Inventory (TSCA)

All the components of this substance are listed on or are exempt from the inventory.

<b>Section 16 – Other Information</b>
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