

Section 1. Identification

Product Name: FSB Fiberglass Surface Bonding Cement White™

Effective Date: 27 October 2023

Replaces: 31 May 2015

Manufacturer Name: Silpro, LLC

Address: 2 New England Way

Ayer, MA 01432-1514

24/7 EMERGENCY PHONE: INFOTRAC 800-535-5053 Call collect internationally 352-323-3500

Refer to ID# 84653

24/7 HEALTH EMERGENCIES: 800-222-1222 National Poison Control Center.

Section 2. Hazard(s) Identification

Emergency overview: White solid or powder with a little odor. FSB Fiberglass Surface Bonding Cement White™ may cause eye damage and skin irritation. Inhalation may cause respiratory irritation and ingestion may cause gastric distress.



GHS Pictograms:

GHS Signal Word: WARNING

POTENTIAL HEALTH EFFECTS:

CODE OF HAZARD STATEMENTS:

Physical hazards

None.

Health Hazards

Harmful if swallowed.

May be harmful in contact with skin.

Causes skin irritation.

Causes eye irritation.

May be harmful if inhaled.

May cause cancer.

Environmental hazards

Harmful to aquatic life.

CODE OF PRECAUTIONARY STATEMENTS:

General

Keep out of reach of children.

Read label before use.

Prevention

Keep only in original container.

Avoid breathing dust.

Do not get in eyes, on skin or on clothing.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

Response

Call a POISON CENTER or doctor/physician if you feel unwell.

DO NOT induce vomiting.

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Wash with plenty of soap and water.

Take off contaminated clothing and wash before reuse.

Storage

Store in a dry place.

Store in a well-ventilated area.

ROUTES OF ENTRY: Eye contact, skin adsorption, ingestion and inhalation.

CARCINOGENICITY: Crystalline silica is a carcinogen.

Section 3. Composition/Information on Ingredients

| Ingredients | | | | |
|-----------------------------|------------|-----------|---------|--------------|
| Component | CAS # | EINECS # | Percent | REACH Reg. # |
| Calcium magnesium carbonate | 16389-88-1 | 230-274-5 | >30 | No |
| Portland cement | 65997-15-1 | 266-043-4 | >10 | No |
| Nuisance dust | Prop. | Prop. | >10 | No |
| Hydrated lime | 39445-23-3 | 254-454-1 | >10 | No |
| Calcium sulfate | 7778-18-9 | 231-900-3 | >0.1 | Yes |
| Crystalline silica | 14808-60-7 | 238-878-4 | >0.1 | No |
| Magnesium silicate | 14807-96-6 | 238-877-9 | >0.1 | No |

Section 4. First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse. If irritation persists, contact a physician.

Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Flash Point: Not combustible.

Flammability Limits: NE.

Fire Fighting Media: Use dry chemical and carbon dioxide.

Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE).

Section 6. Accidental Release Measures

Use personal protective equipment, see section 8.

Clean-up Procedures: Stop the source of the release if you are not put at risk. Use absorbent material (such as sand or kitty litter) to absorb the spill, use shovel to pick up absorbent for disposal.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

Section 7. Handling and Storage

Handling: Do not get into eyes, on skin and on clothing. Do not breathe dusts or mists. Wash thoroughly after handling. Do not freeze. Keep out of sunlight.

Storage: Store in original labeled container. Keep in cool and dry areas.

Section 8. Exposure Controls/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in section 2. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Ingredient OSHA PEL

Calcium magnesium carbonate 15 mg/m³

Hydrated lime 15 mg/m³

Portland cement 5 mg/m³

Crystalline silica 10 mg/m³

Calcium sulfate 15 mg/m³

Nuisance dust 5 mg/m³

Magnesium silicate 2 mg/m³

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical-resistant gloves.

Hands: Neoprene chemical-resistant gloves.

Respiratory: Wear an approved respirator that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None.

Section 9. Physical and Chemical Properties

| | | | |
|-------------------|-----------------------------------|-----------------------------------|-------------------|
| Odor/Color | White solid or powder/Slight odor | Melting point | 3,110°F (1,710°C) |
| Solubility | Slight in water | Specific gravity (water=1) | >2 @ 68°F (20°C) |

Section 10. Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: If complete combustion, oxides of carbon and silicate are formed.

Hazardous Polymerization: Will not occur

Incompatibility - Materials to Avoid: Strong oxidizing agents and strong acids.

Section 11. Toxicological Information

The product is not toxic.

Acute Eye Irritation: Severe eye damage.

Acute Skin Irritation: May be irritating.

Acute Dermal Toxicity: Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: Crystalline silica.

Section 12. Ecological Information

Ecotoxicity: The toxicity of this product has not been determined.

Environmental Fate: This product's environmental fate has not been determined.

Section 13. Disposal Considerations

Waste Disposal Method: Whatever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations

Container Handling and Disposal: All containers should be disposed of according to local, state and Federal regulations.

Section 14. Transport Information

Ground Classification: Not regulated by US DOT.

Shipping Name: FSB Fiberglass Surface Bonding Cement White™

IATA or IMO: Not regulated.

Section 15. Regulatory Information

EPCRA 311/312 Categories:

| | |
|-----------------------------------|-----|
| Immediate (Acute) Health Effects: | Yes |
| Delayed (Chronic) Health Effects: | Yes |
| Fire Hazard: | No |
| Sudden Release of Pressure | No |
| Reactivity: | No |

Right to know classification: Crystalline silica in the United States.

TSCA: All of the ingredients are listed except hydrated lime and nuisance dust.

Prop. 65: Crystalline silica.

All ingredients are listed in chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK.

Abbreviations:

| | | | |
|-------|----------------------------------|--------|--|
| CAS # | Chemical Abstract Service Number | EINECS | European Inventory of existing Commercial Chemical Sales |
| °C | Celsius temperature scale | °F | Fahrenheit temperature scale |
| Prop. | Proprietary | PE | Personal Protective Equipment |
| TLV | Threshold Limit Value | TWA | Time Weighted Average |
| STEL | Short-term Exposure Limit | PEL | Permissible Exposure Limit |
| OSHA | Occupational Safety & Health | NIOSH | National Institute of Safety & Health |
| NFPA | National Fire Protection Agency | WHMIS | Workplace Hazardous Materials Information System |



Safety Data Sheet

FSB Fiberglass Surface Bonding Cement White™

| | | | |
|------------------|--|------------------|---|
| NTP | National Toxicology Program | IARC | Int. Agency for Research on Cancer |
| RCRA | Resource Conservation Recovery Act | TSCA | Toxic Substance Control Act |
| EC ₅₀ | Effective Dose | LC ₅₀ | Lethal Inhalation Concentration |
| LD ₅₀ | Lethal Dose | CAS | Chemical Abstract Service Number |
| LEL | Lower explosive limit | UEP | Upper explosive limit |
| NDA | No Data Available | ND | Not determined |
| NE | None established | NA | Not Applicable |
| ≤ | Less Than or Equal To | ≥ | Greater Than or Equal To |
| CNS | Central Nervous System | CI | China |
| DSL | Canada | ECL | Korean Existing Chemicals List |
| EEC | European Economic Commission | ENCS | Japanese Existing and New Chemical List |
| EU | European Union | MAC | Netherlands |
| MAK | Germany | MITI | Japan |
| PICCS | Philippines | SWISS | Giftliste 1 |
| UK | United Kingdom | USA | United States |
| VOC | Volatile organic content | | |
| ACGIH | American Conference of Government Industrial Hygienists | | |
| SARA | Superfund Amendments and Reauthorization Act | | |
| AICS | Australian Inventory of Chemical Substances | | |
| IARC | International Agency for Research on Cancer | | |
| Taiwan | List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086 | | |

Section 16. Other Information

Hazardous Material Information (HMIS)

National Fire Protection Association (NFPA)

| | | | |
|---------------------|---|---|-------------|
| Health | 1 | 1 | Health |
| Fire | 0 | 0 | Fire |
| Reactivity | 0 | 0 | Instability |
| Personal Protection | E | | NA |

Health 4 Deadly 3 Extreme Danger 2 Dangerous 1 Slight hazard 0 No hazard
 Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn
 Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

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Reviewed by: Regulatory department

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