

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Fornaft Compo
Version #	1.0
Revision date	04-Mar-2010
Company information	PolySpec 6614 Gant Road Houston, TX 77066 US
Emergency	Chemtrec (800) 424-9300 International (703) 527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
Calcium Alumnite Cement		< 80
Crystalline Silica	14808-60-7	< 40

3. HAZARDS IDENTIFICATION

Emergency overview	Irritating to respiratory system. Danger of serious damage to health by prolonged exposure. May cause cancer. May cause breathing disorders and lung damage. Causes skin and eye burns.
Potential short term health effects	
Eyes	This product causes eye burns. Risk of serious damage to eyes.
Skin	Causes skin burns.
Inhalation	May cause breathing disorders and lung damage. Irritating to respiratory system.
Ingestion	Do not ingest. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.
Target organs	Eyes. Lungs. Respiratory system.

4. FIRST AID MEASURES

First aid	
Eye contact	Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.
Skin contact	Get medical attention immediately. Remove and isolate contaminated clothing and shoes. Immediately flush skin with running water for at least 20 minutes. For minor skin contact, avoid spreading material on unaffected skin.
Inhalation	Get medical attention immediately. Move to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance. Oxygen or artificial respiration if needed. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, give oxygen. Get medical attention, if needed.
Ingestion	If material is ingested, immediately contact a physician or poison control center. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not use mouth-to-mouth method if victim ingested the substance.
Notes to physician	Symptoms may be delayed.
General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Immediate medical attention is required. Keep victim warm. In case of shortness of breath, give oxygen. Keep victim under observation.

5. FIRE FIGHTING MEASURES

General fire hazards	Not a fire hazard.
Suitable extinguishing media	Small Fires: Dry chemical, CO ₂ , water spray or regular foam. Large Fires: Water spray, fog or regular foam.

6. ACCIDENTAL RELEASE MEASURES

Evacuation procedures	Ventilate closed spaces before entering. Stay upwind. Keep out of low areas. Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.
Containment procedures	Prevent entry into waterways, sewers, basements or confined areas.
Personal precautions	Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for cleaning up	Avoid dust formation. Sweep up or gather material and place in appropriate container for disposal.

7. HANDLING AND STORAGE

Handling	Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe gas/fumes/vapor/spray. Wear personal protective equipment. Handle and open container with care. Surfaces may become slippery after spillage.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep container tightly closed. Use care in handling/storage. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Crystalline Silica	14808-60-7	0.05 Mg/m ³ TWA (respirable fraction)
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ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Crystalline Silica	14808-60-7	silicosis; lung function; lung fibrosis; cancer
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Personal protective equipment

Respiratory protection	A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
Hand protection	Protective gloves.
Eye protection	Wear chemical goggles. Face-shield.
Skin and body protection	Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear appropriate chemical resistant gloves. Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).
General	Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Avoid contact with the skin and the eyes. Wear suitable protective equipment.

Engineering measures to reduce exposure	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
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Hygiene measures	Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. Handle in accordance with good industrial hygiene and safety practice for diagnostics.
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9. PHYSICAL & CHEMICAL PROPERTIES

Form	Solid.
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10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability	Stable at normal conditions. No hazards to be especially mentioned.
Incompatibility	Fluoride. Powerful oxidizers.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Causes burns.
Local effects	Irritating to respiratory system.

Carcinogenicity Cancer hazard.
ACGIH - Threshold Limits Values - Carcinogens
Crystalline Silica 14808-60-7 A2 - Suspected Human Carcinogen
NTP (National Toxicology Program) - Report on Carcinogens - Known Carcinogens
Crystalline Silica 14808-60-7 Known Carcinogen
Chronic toxicity Prolonged or repeated exposure may cause lung injury.
Routes of exposure Inhalation.

12. ECOLOGICAL INFORMATION

Ecotoxicity This material is not expected to be harmful to aquatic life.

13. DISPOSAL CONSIDERATIONS

Disposal instructions This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

14. TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

International Air Transport Association (IATA) Requirements

Not regulated as dangerous goods.

International Maritime Dangerous Goods (IMDG) Code Requirements

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

Inventory - European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Crystalline Silica 14808-60-7 238-878-4

Inventory - United States - Section 8(b) Inventory (TSCA)

Crystalline Silica 14808-60-7 Present

Occupational safety and health administration (OSHA)

29 CFR 1910.1200 Yes
hazardous chemical

CERCLA (superfund) reportable quantity

None

Superfund amendments and reauthorization act of 1986 (SARA)

Section 302 extremely No
hazardous substance

Section 311 hazardous Yes
chemical

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

NFPA ratings Health: 3
Flammability: 0
Instability: 0

International regulations

Canada - WHMIS - Ingredient Disclosure List

Crystalline Silica 14808-60-7 1 % (English Item 1406, French Item 1491)

State regulations

California - Proposition 65 - Carcinogens List

Crystalline Silica 14808-60-7 carcinogen, initial date 10/1/88 (airborne particles of respirable size)

Massachusetts - Right To Know List

Crystalline Silica 14808-60-7 Carcinogen; Extraordinarily hazardous

New Jersey - Right to Know Hazardous Substance List

Crystalline Silica 14808-60-7 sn 1660

Pennsylvania - RTK (Right to Know) List

Crystalline Silica 14808-60-7 Present as well as its dust

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

Issue date

04-Mar-2010

MSDS sections updated

Hazards Identification: Target organs
Hazards Identification: Hazard statements
Accidental Release Measures: Containment procedures
Accidental Release Measures: Methods for cleaning up
Physical & Chemical Properties: Form
Regulatory Information: US Federal Regulations