

SECTION 1: IDENTIFICATION

Product Name: GEOSPIN GEOPOLYMER CEMENT

TRADE NAME: Mainstay GeoSpin**MANUFACTURER:**

Madewell Products Corporation

7561 Industrial Court

Alpharetta GA 30004

Phone: (770) 475-8199

Emergency: PERS 1-800-633-8253

SECTION 2: HAZARD(S) IDENTIFICATION**GHS Ratings:**

Skin corrosion/irritation	2	Re 2.3
Serious eye damage/eye irritation	1	Se ex
Carcinogenicity	1A	Kn

GHS Hazards

H315	Causes skin irritation
H318	Causes serious eye dam
H350	May cause cancer

GHS Precautions

P201	Obtain special instruction
P202	Do not handle until all sa
P264	Wash hands thoroughly ;
P280	Wear protective gloves/p
P281	Use personal protective c
P310	Immediately call a POISC
P321	Specific treatment (see i
P362	Take off contaminated cl
P302+P352	IF ON SKIN: Wash with ;
P305+P351+P338	IF IN EYES: Rinse contin
	lenses if present and eas
P308+P313	IF exposed or concernec
P332+P313	If skin irritation occurs: G
P405	Store locked up
P501	Dispose of contents/cont

Signal Word: Danger



SECTION 3: COMPOSITION/INFORMATION ON IN

Chemical Name
QUARTZ
CALCIUM ALUMINATE
NATURAL ALUMINOSILICATE (KOALIN)
FLY ASH COMBUSTION RESIDUE
SILICON DIOXIDE

is before use
 fety precautions have been read and understood
 after handling
 roprotective clothing/eye protection/face protection
 equipment as required
 ON CENTER or doctor/physician
 nstructions on this label)
 lothing and wash before reuse
 soap and water
 uously with water for several minutes. Remove conta
 sy to do – continue rinsing
 f: Get medical advice/attention
 et medical advice/attention

 ainer to ...

IGREDIENTS

	CAS number	Weight Concen
	14808-60-7	50.00% - 60
	12042-68-1	30.00% - 40
	1332-58-7	5.00% - 10
	68131-74-8	1.00% - 5.0
	69012-64-2	1.00% - 5.0

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tration %
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SECTION 4: First Aid Measures

First-aid measures after inhalation:

If inhaled, remove to fresh air and keep at rest in a position comfortable until symptoms persist.

First-aid measures after eye contact:

Immediately rinse with water for a prolonged period while holding eye open. If eye irritation persists, get medical advice and attention.

First-aid measures after skin contact:

Rinse immediately with plenty of water. Gently wash with plenty of soap and water.

First-aid measures after ingestion:

If swallowed, wash out mouth with water. Remove victim to fresh air. If unconscious, give small quantities of water to drink. Do not induce vomiting.

Most Important symptoms and effects both acute and delayed:

Symptoms/injuries after inhalation:

May cause irritation to the respiratory tract, sneezing, coughing and difficulty in breathing.

Symptoms/Injuries after skin contact:

Prolonged contact with large amounts of dust may cause mechanical irritation. Combination with tight clothing.

Symptoms/injuries after eye contact:

Redness, pain.

Symptoms/injuries after ingestion:

Abdominal pain.

Chronic symptoms:

Respiratory difficulties. May cause cancer.

SECTION 5: Fire-Fighting Measures

Flash Point: N/A

LEL: N/A

Extinguishing media: Use extinguishing media appropriate for the material.

SDS for: GEOSPIN #863

Special hazards arising from the substance or mixture:

Not Flammable

No particular fire or explosion hazard.

No specific data.

Advice for firefighters:

Fight the fire with normal precautions from a reasonable distance.

Use normal individual fire protective equipment.

SECTION 6: Accidental Release Measures**Personal precautions, protective equipment and emergency measures:**

Do not breathe dust. Avoid generation of dust during clean-up or disposal.

Vacuum must be fitted with HEPA filter to prevent release of particles.

Wear suitable protective clothing, gloves and eye/face protection.

Environmental precautions: Prevent entry to sewers and public water courses.

SECTION 7: Handling and Storage**Precautions for safe handling:**

Do not breathe dust. Avoid creating or spreading dust.

Conditions for safe storage, including any incompatibilities:

Store tightly closed in a dry, cool and well-ventilated place. Keep away from heat.

until used. Stack bagged material in a secure manner to prevent overexertion.

Use proper lifting techniques to avoid strains to the back, arms, shoulders, and legs during lifting and moving.

SECTION 8: Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limit
QUARTZ 14808-60-7	.1MG/M3

CALCIUM ALUMINATE 12042-68-1	Not Established
NATURAL ALUMINOSILICATE (KOALIN) 1332-58-7	Not Established
FLY ASH COMBUSTION RESIDUE 68131-74-8	Not Established
SILICON DIOXIDE 69012-64-2	Not Established

Exposure controls: Ensure adequate ventilation, especially in

Personal protective equipment:

Protective goggles. In insufficient ventilation, wear respiratory

Hand protection: Impermeable protective gloves.

Eye protection: Protective goggles.

Skin and body protection: Handle in accordance with good industrial handling this product, and again before leaving the workplace. before reuse.

Respiratory protection: Use NIOSH-approved air-purifying or self-contained breathing apparatus to exceed exposure limits.

SECTION 9: Physical and Chemical Properties

PHYSICAL STATE: SOLID
APPEARANCE: CRYSTALLINE POWDER
COLOR: NATURAL
ODOUR: ODOURLESS
ODOUR THRESHOLD: NO DATA AVAILABLE
pH: <11.5
RELATIVE EVAPORATION RATE: NO DATA AVAILABLE
MELTING POINT: 1440C
FREEZING POINT: NO DATA AVAILABLE
BOILING POINT: NO DATA AVAILABLE
FLASH POINT: NO DATA AVAILABLE
SELF IGNITION TEMPERATURE: NO DATA AVAILABLE
DECOMPOSITION TEMPERATURE: NO DATA AVAILABLE
FLAMMABILITY (SOLID,GAS): NO DATA AVAILABLE
VAPOUR PRESSURE: NO DATA AVAILABLE
RELATIVE VAPOUR DENSITY AT 20C: NO DATA AVAIL.
RELATIVE DENSITY: NO DATA AVAILABLE
DENSITY: 2.65-3.0 (APPROXIMATE)
SOLUBILITY: WATER/INSOLUBLE
LOG POW: NO DATA AVAILABLE
LOG KOW: NO DATA AVAILABLE
VISCOSITY: NO DATA AVAILABLE
EXPLOSIVE PROPERTIES: NONE KNOWN
OXIDISING PROPERTIES: NONE KNOWN
EXPLOSIVE LIMITS: NO DATA AVAILABLE

Boiling Point 2230 °C

SECTION 10: Stability and Reactivity

Reactivity: Hazardous reactions will not occur under normal conditions
STABLE

Chemical stability: Stable under normal temperature and pressure

Incompatible materials: Avoid strong oxidizers.

Possibility of hazardous reactions: Hazardous polymerization

Conditions to avoid: None known.

Hazardous decomposition products: Quartz (silica) will diss

Hazardous polymerization will not occur.

SECTION 11: Toxicological Information

Mixture Toxicity

Component Toxicity

Effects of Overexposure

Information on toxicological effects

Acute Oral Toxicity: Not classified

Acute Dermal Toxicity: May cause skin irritation

Acute Inhalation Toxicity: Not classified

Serious Eye Damage/Irritation: May cause serious (

Carcinogenicity: May cause cancer (inhalation)

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity - single exposure:

Specific Target Organ Toxicity - repeated exposure:
prolonged or repeated exposure (inhalation)

Aspiration Hazard: Not classified.

CAS Number

14808-60-7

Description

QUARTZ

SECTION 12: Ecological Information

Toxicity

Persistence and degradability: Not readily biodegradable

Bioaccumulative potential: Not expected to bioaccumulate

Mobility in soil: Not available

Other adverse effects: No additional information available

Component Ecotoxicity

SECTION 13: Disposal Considerations

Waste treatment methods: Nonhazardous waste. Dispose of

SECTION 14: Transport Information

Not regulated.

Agency

Proper Shipping Name

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation:

SARA Title III Section 311/312 (40CFR370): Immediate hazard

SARA Title III Section 313 (40CFR372): This product is not listed in Table 1 of Section 313, but not in amounts requiring supplier notification

CERCLA Status (40CFR302):

RCRA Status (40CFR261):

OSHA/NTP/IARC Carcinogen Status: Prop 65 California Proposition 65: This product may cause cancer

TSCA Inventory Status: Listed

Canadian DSL Status: Domestic substances list

Canadian WHMIS Status: Class D Division 2 Subdiv

State of California Safe Drinking Water and Toxic Enf
product contains the following chemicals which are lis
reproductive toxin:

14808-60-7 QUARTZ 50 - 60% REPRODUCTI



WARNING: This product can expose you to QU
birth defects or other reproductive harm. For m

Country

Regulation

SECTION 16: Other Information

HMIS ratings:

Health: 2*Moderate hazard

Flammability:0

Physical: 0

Personal Protection: E

Hazardous Material Information System (HMIS)

HEALTH	<input type="text"/>	0	HMIS & NFPA Hazard Rating
FLAMMABILITY	<input type="text"/>	0	Legend
PHYSICAL HAZARD	<input type="text"/>	0	* = Chronic Health Hazard
PERSONAL PROTECTION	<input type="text"/>		0 = INSIGNIFICANT
			1 = SLIGHT
			2 = MODERATE
			3 = HIGH

Madewell Product

The information and recommendations contained and correct. However, no guarantee or warranty is made to the information contained herein. We accept no liability for effects that may be caused by purchase, resale, use of this product must comply with all applicable health and safety regulations. They are under an obligation to carry out a risk assessment and adequate risk management measures in accordance with the relevant legislation.

Date Prepared: 3/27/2025

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Reviewer F