

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : All Weather Geo-fix[®] Graphite

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Jointing compound

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GEOFIX Limited
CW9 8TE Northwich - United Kingdom
T 01606 77712
info@geo-fix.com

1.4. Emergency telephone number

Emergency number : +44 (0) 1606 77712 – (available during office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Sens. 1 H317

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

R43

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H317 - May cause an allergic skin reaction

Precautionary statements (CLP) :

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - IF ON SKIN: Wash with plenty of water
P321 - Specific treatment – Wash affected area with plenty of water and seek medical attention
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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according to Regulation (EC) No. 453/2010

Name	Product identifier	%	Classification according to Directive 67/548/EEC
-Quartz (SiO ₂)	(CAS No) 14808-60-7 (EC no) 238-878-4 (REACH-no) exempt	<100%	This product contains less than 1% of quartz (respirable) which makes it unclassified.
-1,3-Butadiene, homopolymer	(CAS No) 9003-17-2 (EC no) 618-356-6 (REACH-no) exempt	<10%	R43

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Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water. Take off immediately all contaminated clothing.
- First-aid measures after eye contact : Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Do not induce vomiting. Immediately get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).
- Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : None known. Non-flammable.
- Explosion hazard : None known.
- Hazardous decomposition products in case of fire : Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

5.3. Advice for firefighters

- Firefighting instructions : In case of fire: stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Do not use a water jet since it may cause the fire to spread. Cool containers / tanks with spray water if possible.
- Protective equipment for firefighters : In case of fire: Wear self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Evacuate area. Avoid generation of dust.
- Measures in case of dust release : Mechanically ventilate the spillage area.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing.

6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

- For containment : Avoid creating or spreading dust. Scrape up material.
- Methods for cleaning up : Wet clean or vacuum up solids. Use approved industrial vacuum cleaner for removal. Wipe up or scrape up and contain for disposal.

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according to Regulation (EC) No. 453/2010

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Traces of aldehydes may be released during the curing.
- Precautions for safe handling : Avoid breathing dust, mist or spray. Avoid contact with skin and eyes. Use only with adequate ventilation. Once the package is open use within 30 minutes.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry, cool and well-ventilated place. Keep out of direct sunlight.
- Incompatible materials : Strong oxidizers.
- Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition.
- Packaging materials : plastic. Stainless steel.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

-Quartz (SiO ₂) (14808-60-7)		
Austria	MAK (mg/m ³)	0,15 mg/m ³
Austria	Remark (AT)	(alveolengängige Fraktion; Jahres-Miw)
Belgium	Limit value (mg/m ³)	0,1 mg/m ³
Belgium	Remark (BE)	(poussières alvéolaires)
Bulgaria	OEL TWA (mg/m ³)	0,07 mg/m ³ (respirable fraction)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	0,1 mg/m ³ 0,1 mg/m ³ (regulated under Quartz sand-respirable dust)
Estonia	OEL TWA (mg/m ³)	0,1 mg/m ³ (respirable dust)
Portugal	OEL TWA (mg/m ³)	0,025 mg/m ³ (respirable fraction)
Romania	OEL TWA (mg/m ³)	0,1 mg/m ³ (respirable fraction, dust)
Slovenia	OEL TWA (mg/m ³)	0,15 mg/m ³ (respirable fraction)
Switzerland	VME (mg/m ³)	0,15 mg/m ³
Switzerland	Remark (CH)	(respirable aerosol)
Canada (Quebec)	VEMP (mg/m ³)	0,1 mg/m ³
Canada (Quebec)	Notations and remarks	(la poussière respirable)

8.2. Exposure controls

- Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize exposure to dust.
- Personal protective equipment : Gloves. In case of dust production: protective goggles.



- Hand protection : Wear suitable gloves tested to EN374. rubber gloves. Solvent-resistant.
- Eye protection : In case of dust production: protective goggles.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. If airborne concentrations are above the applicable exposure limits, use approved respirator for dust.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Paste.
- Colour : dark grey.
- Odour : Faint odor.
- Odour threshold : No data available

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pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 32 °C
Auto-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 20 °C	: No data available
Relative density	: ≈ 1,7 g/cm ³
Solubility	: Not miscible.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified (This product contains less than 1% of quartz (respirable) which makes it unclassified. Higher proportions of respirable quartz would be classified as STOT RE1 (>10%) or STOT RE2 (>1%,<10%) [Specific Target Organ Toxicity, Repeated Exposure].)
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

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according to Regulation (EC) No. 453/2010

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste disposal recommendations : Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name : Not applicable

14.3. Transport hazard class(es)

All modes

Transport hazard class(es) : Not applicable

14.4. Packing group

Packing group : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Not subject to ADR

14.6.2. Transport by sea

Not subject to IMDG

14.6.3. Air transport

Not subject to IATA

14.6.4. Inland waterway transport

Not subject to ADN

14.6.5. Rail transport

Not subject to RID

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no substance on the REACH candidate list

15.1.2. National regulations

No additional information available

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according to Regulation (EC) No. 453/2010

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out

Reason:

Exempted from REACH regulation

SECTION 16: Other information

Sources of Key data

: SDS - Safety Data Sheet.

Other information

: Such information is actually to be best of our knowledge and believes accurate as reliable. It is the user's responsibility to take the mentioned precautionary measures and to ensure that this information is complete and sufficient for the use of this product.

Full text of R-, H- and EUH-phrases:

Skin Sens. 1	Sensitisation — Skin, category 1
H317	May cause an allergic skin reaction
R43	May cause sensitisation by skin contact
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product