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

1.1 Product identifier

Trade name: Joint-It® Fine

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

General use: Pavement joint material.

1.3 Details of the supplier of the safety data sheet

Company name: Joint-It Ltd,
Milltown Business Park,
Milltown
Co. Galway
Ireland
H54 V443

E-mail: info@jointit.com

Tel: 00353 93 51503

1.4 Emergency telephone number

00353 93 51503

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: Not applicable.

Precautionary statements: P102: Keep out of reach of children.

2.3 Other hazards

Can cause skin, eye and respiratory tract irritation.
Can irritate the mucous membrane.

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Stabilised mineral jointing material.

Hazardous ingredients:

Ingredient	Designation	Content	Classification
EC No. 215-199-1 CAS 1312-76-1	Silicic acid, potassium salt (potassium silicate 28G)	< 2 %	Skin Irrit. 2; H315. Eye Irrit. 2; H319. STOT SE 3; H335.

Full text of H- and EUH-statements: see section 16.

Additional information: Contains: Dolomite or Limestone.
The maximum workplace exposure limits are, where necessary, listed in section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation: Provide fresh air. Seek medical treatment in case of troubles.

Following skin contact: After contact with skin, wash immediately with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an opthalmologist.

After swallowing: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Can cause skin, eye and respiratory tract irritation. Can irritate the mucous membrane.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

Extinguishing media which must not be used for safety reasons:

full water jet

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: Hazchem-Code: -

Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapours. Do not breathe fumes. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear protective equipment. Avoid contact with skin, eyes, and clothing. Avoid dust formation. Do not breathe dust. Keep unprotected people away.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Wear protective equipment. Avoid contact with skin, eyes, and clothing. Do not breathe dust. Avoid dust formation. When using do not eat, drink or smoke. Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep in a cool, well-ventilated place. Protect containers against air humidity and water.

Hints on joint storage: Do not store together with acids.
Keep away from food, drink and animal feedingstuffs.

Storage class: 13 = Non-combustible solids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
	Joint-It® Fine	Great Britain: WEL-TWA	10 mg/m³ Dust limit value inhalable fraction
		Great Britain: WEL-TWA	4 mg/m³ Dust limit value respirable fraction
		Ireland: 8 hours	10 mg/m³ Dust limit value inhalable fraction
		Ireland: 8 hours	4 mg/m³ Dust limit value respirable fraction
1317-65-3	Limestone	Great Britain: WEL-TWA	10 mg/m³ (inhalable fraction)
		Great Britain: WEL-TWA	4 mg/m³ (respirable fraction)
		Ireland: 8 hours	10 mg/m³ (inhalable fraction)
		Ireland: 8 hours	4 mg/m³ (respirable fraction)

8.2 Exposure controls

Provide adequate ventilation, and local exhaust as needed.

Personal protection equipment

Occupational exposure controls

Respiratory protection: Respiratory protection must be worn whenever the WEL levels have been exceeded.
Dust mask: Particulates filter P2 according to EN 143.

Hand protection: Protective gloves according to EN 374.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to EN 166.

Body protection: Wear suitable protective clothing.

General protection and hygiene measures:
Avoid contact with skin, eyes, and clothing. Take off contaminated clothing and wash it before reuse. Avoid generation of dust. Do not breathe dusts or mists. Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Physical state at 20 °C and 101.3 kPa: solid
Form: various shapes
Colour: grey, beige

Odour: odourless

Odour threshold: no data available

pH value: at 20 °C, 10 g/L: approx. 10

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point/flash point range:	Not applicable
Evaporation rate:	No data available
Flammability:	Product is non-combustible
Explosion limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Density:	2.7 g/mL
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	no data available
Viscosity, kinematic:	no data available
Explosive properties:	Product is not explosive.
Oxidizing characteristics:	no data available

9.2 Other information

Additional information: no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

With exposure to Acids, product will release Warmness and carbon dioxide.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect containers against air humidity and water.

10.5 Incompatible materials

Acids

10.6 Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide and carbon dioxide.

Thermal decomposition: no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.
Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data. Irritant effects are possible. Can irritate the mucous membrane.

Eye damage/irritation: Lack of data. Irritant effects are possible.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Symptoms

Can cause skin, eye and respiratory tract irritation. Can irritate the mucous membrane.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Acute fish toxicity LC50: > 100 mg/L
Acute Daphnia toxicity EC50: > 100 mg/L
Bacterial toxicity: EC50: > 100 mg/L

12.2. Persistence and degradability

Further details: no data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 Other adverse effects

General information: Do not allow to enter undiluted resp. in large quantities into surface water or into drains.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 17 05 04 = soil and stones other than those mentioned in 17 05 03

Recommendation: Do not dispose of with household waste. Do not allow to enter drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.

SECTION 14: Transport information

14.1 UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

14.2 UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

14.3 Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

14.4 Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

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

no data available

SECTION 15: Regulatory information

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

National regulations - Great Britain

Hazchem-Code: -

No data available

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Further information

Wording of the H-phrases under paragraph 2 and 3:

H315 = Causes skin irritation.
H319 = Causes serious eye irritation.
H335 = May cause respiratory irritation.

Reason of change: Changes in section 1: Details of the supplier of the safety data sheet
Date of first version: 14/7/2015

Department issuing data sheet

Contact person: See section 1: Dept. responsible for information

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.