

# SAFETY DATA SHEET



according to Commission Regulation (EU) 2020/878 as amended

## Joint-It Simple

Creation date	03rd December 2008	Version	5.0
Last revised:	17th January 2024		

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

#### 1.1. Product identifier

Substance / mixture

Joint-It Simple

mixture

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

##### Mixture's intended use

Paving Jointing Mortar

##### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Name or trade name

Joint It

Address

Milltown Business Park, Milltown, Co. Galway., H54 V443

Phone

Ireland

E-mail

+353 93 51503

info@jointit.com

##### Competent person responsible for the safety data sheet

Name

Joint It

E-mail

info@jointit.com

#### 1.4. Emergency telephone number

National poisoning information centre, Beaumont Hospital, PO Box 1297, Beaumont Road Dublin 9,  
tel: healthcare professionals: +353 (01) 809 2566 (24 hour service),  
members of public: +353 (01) 809 2166 (8.00 a.m. to 10.00 p.m. 7 days a week).

European emergency number: 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

#### 2.2. Label elements

none

#### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 14808-60-7 EC: 238-878-4	Quartz (SiO <sub>2</sub> )	95-98	not classified as dangerous	1
CAS: 68441-52-1 EC: 614-501-2	1,3-Butadiene, homopolymer, oligomeric	1-3	not classified as dangerous	
CAS: 18312-04-4 EC: 242-197-8	Octanoic acid, zirconium salt	<0,01	Skin Irrit. 2, H315	

##### Notes

1 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### If inhaled

Move person to fresh air; if adverse health effects persist, get medical attention.

##### If on skin

Remove contaminated clothes. Wash with plenty of soap and water. Provide medical treatment if skin irritation persists.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

##### If swallowed

Rinse out the mouth with clean water. DO NOT INDUCE VOMITING! Provide medical treatment if the person has any health problems.

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

##### If inhaled

Not expected. May cause irritation.

##### If on skin

Not expected. Unprotected use may cause sensitisation by skin contact. Possible irritation. Irritation, itching, redness.

##### If in eyes

Not expected. When intruding eyes, it can evoke irritation. Irritation, lacrimation, pain.

##### If swallowed

Not expected. Can cause gastrointestinal disturbances.

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

Symptomatic treatment.

Contact poison treatment specialist immediately if large quantities have been ingested.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide, metal oxide/oxides, phenolic compounds and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Fire Fighting Procedures:

Keep people away. Isolate fire and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. If material is molten, do not apply direct water stream. Use fine water spray or foam. Cool surroundings with water to localise fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.

Special Protective Equipment for Firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Unusual Fire and Explosion Hazards:

Mechanical handling operations can generate combustible dust. To reduce the potential for dust explosions, do not permit dust to accumulate.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

Keep unnecessary and unprotected personnel from entering the work area. Barrier off work area to prevent people walking through spilt material. Before working with material put on the recommended PPE, personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Work on small areas. Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains. In the event of substantial pollution, contact respective authorities and wastewater treatment plants.

#### 6.3. Methods and material for containment and cleaning up

Large Spills:

Stop leak if without risk. Move containers from spill area. Cover drains and sewers to prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Small Spills:

Stop leak if without risk. Move containers from spill area. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Dispose of the collected material according to the regulations.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Keep only in original packaging.

Protect from sunlight.

Keep away from food and drink.

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Do not store in unlabelled containers.

#### 7.3. Specific end use(s)

Always use original container.

Keep out of reach of children.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

Ireland	2021 Chemical Agents and Carcinogens Code of Practice	
Substance name (component)	Type	Value
Silica, crystalline, respirable dust, (Cristobalite, Quartz, Tridymite, Tripoli) (CAS: 14808-60-7)	OELV 8 hours	0,1 mg/m <sup>3</sup>

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### Other information of limit values

Ventilation: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some indoor operations.

### 8.2. Exposure controls

Do not eat, drink and smoke during work.

Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

### Eye/face protection

Always use safety eye protection glasses/goggles. EN166 - Personal Eye Protection Standard. If there is a potential for exposure to particles which could cause eye discomfort, in a windy/dusty environment wear tightly fitting goggles.

### Skin protection

Hand protection: Protective gloves resistant to the product. EN ISO 374-1. Recommended gloves: PVC, butyl rubber or nitrile rubber. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer.

Skin protection: No precautions other than clean body-covering clothing should be needed EN ISO 13688.

### Respiratory protection

In a dusty environment, wear a disposable mask (FFP2) or a half face mask with P2 filter - EN EN149.

### Thermal hazard

Not available.

### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	solid (wet-cake)
Colour	white, grey
Odour	Negligible
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	The product is non-flammable.
Lower and upper explosion limit	data not available
Flash point	>60 °C
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

### 9.2. Other information

Explosive properties The product does not have explosive properties.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable under normal conditions.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

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### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

#### Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Inhalation: May cause irritation.

Ingestion: Can cause gastrointestinal disturbances.

#### Skin corrosion/irritation

Based on the available data, the criteria for classification of the mixture are not met.

#### Serious eye damage/irritation

Based on the available data, the criteria for classification of the mixture are not met.

May cause eye irritation.

#### Respiratory or skin sensitisation

Based on the available data, the criteria for classification of the mixture are not met.

Unprotected use may cause sensitisation by skin contact.

#### Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

#### Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

#### Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

#### Toxicity for specific target organ - single exposure

Based on the available data, the criteria for classification of the mixture are not met.

#### Toxicity for specific target organ - repeated exposure

Based on the available data, the criteria for classification of the mixture are not met.

#### Aspiration hazard

Based on the available data, the criteria for classification of the mixture are not met.

### 11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Based on the available data, the criteria for classification of the mixture are not met. Avoid contact of spilt material and runoff with soil and surface waterways. Do not empty into drains; dispose of this material and its container in a safe way.

#### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

#### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

#### 12.4. Mobility in soil

No data are available for either the mixture or the components.

#### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12.7. Other adverse effects

Not available.

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Packaging: Completely emptied packaging or practically empty packaging containing dried/cured residues, once relieved of all pressure can be disposed of as non-hazardous waste. Packaging may still contain hazardous residues and disposal should be undertaken by a licensed waste contractor. Any disposal practice must be in compliance with local and national laws and regulations.

#### Waste management legislation

Waste Management (Amendment) Act, No. 36/2001.

European Union (Packaging) Regulations 2014 (S.I. No. 282 of 2014).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

08 04 11\* adhesive and sealant sludges containing organic solvents or other hazardous substances

#### Packaging waste type code

15 01 10\* packaging containing residues of or contaminated by hazardous substances

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

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### SECTION 14: Transport information

#### 14.1. UN number or ID number

not subject to transport regulations

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

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### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

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## SECTION 15: Regulatory information

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

The Safety, Health and Welfare at Work (Chemical Agents) (Amendment) Regulations 2021.

Health act, 1947.

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

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## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H315 Causes skin irritation.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCs	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail

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UN                    Four-figure identification number of the substance or article taken from the UN Model Regulations

UVCB                Substances of unknown or variable composition, complex reaction products or biological materials

VOC                 Volatile organic compounds

vPvB                Very Persistent and very Bioaccumulative

Skin Irrit.           Skin irritation

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended.

Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

SOURCE: Joint-It Simple, Joint-It Ltd., revision date: 15.09.2017, version 04.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.