

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

### 1.1 Product identifier

Trade name : Jetcem PLASTER

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

Product use : Mortar

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

Company : Everbuild – A Sika Company  
Site 41  
Knowsthorpe Way  
Cross Green Industrial Estate  
Leeds  
West Yorkshire LS9 0SW  
United Kingdom

Telephone : 0113 240 3456

E-mail address : everbuild.sds@uk.sika.com

### 1.4 Emergency telephone number

Emergency telephone number : 0044 113 240 3456 (office hours only)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2

H319: Causes serious eye irritation.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

#### Prevention:

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020



BUILDING TRUST



Version 4.0

Print Date 21.12.2020

P280 Wear protective gloves/ eye protection/ face protection.

### Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Disposal:

P501 Dispose of contents/container in accordance with local regulation.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name  | CAS-No.<br>EC-No.<br>Registration number        | Classification   | Concentration<br>(% w/w) |
|--|---|--|--------------------------|
| calcium dihydroxide  | 1305-62-0<br>215-137-3<br>01-2119475151-45-XXXX | Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335<br>(Respiratory system) | >= 1 - < 2,5             |
| Substances with a workplace exposure limit :                       |   |  |                          |
| Limestone<br>Contains:<br>Quartz (SiO <sub>2</sub> ) <5µm >= 0,1 % | 1317-65-3<br>215-279-6                          |  | >= 50 - <= 100           |
| plaster of paris   | 26499-65-0<br>Not Assigned                      |  | >= 25 - < 50             |
| Quartz (SiO <sub>2</sub> )   | 14808-60-7<br>238-878-4                         |  | >= 1 - < 2,5             |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



- |                         |   |   |
|-------------------------|---|---|
| If inhaled              | : | Move to fresh air.<br>Consult a physician after significant exposure.   |
| In case of skin contact | : | Take off contaminated clothing and shoes immediately.<br>Wash off with soap and plenty of water.<br>If symptoms persist, call a physician.                                      |
| In case of eye contact  | : | Immediately flush eye(s) with plenty of water.<br>Remove contact lenses.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.              |
| If swallowed            | : | Do not induce vomiting without medical advice.<br>Rinse mouth with water.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person. |

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

- |          |   |  |
|----------|---|--|
| Symptoms | : | Excessive lachrymation<br>See Section 11 for more detailed information on health effects and symptoms. |
| Risks    | : | irritant effects   |

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

- |           |   |                        |
|-----------|---|------------------------|
| Treatment | : | Treat symptomatically. |
|-----------|---|------------------------|

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- |                              |   |   |
|------------------------------|---|---|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|------------------------------|---|---|

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

- |                               |   |  |
|-------------------------------|---|--|
| Hazardous combustion products | : | No hazardous combustion products are known |
|-------------------------------|---|--|

### 5.3 Advice for firefighters

- |   |   |  |
|---|---|--|
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. |
| Further information                           | : | Standard procedure for chemical fires.                         |

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## SECTION 6: Accidental release measures

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

- |                      |   |  |
|----------------------|---|--|
| Personal precautions | : | Use personal protective equipment.<br>Avoid breathing dust.<br>Deny access to unprotected persons. |
|----------------------|---|--|

## 6.2 Environmental precautions

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
Keep in suitable, closed containers for disposal.

## 6.4 Reference to other sections

For personal protection see section 8.

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling chemical products

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Further information on storage stability : Keep in a dry place.  
No decomposition if stored and applied as directed.

## 7.3 Specific end use(s)

# SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

### Occupational Exposure Limits

| Components  | CAS-No.   | Value type (Form of exposure) | Control parameters * | Basis * |
|---|-----------|-------------------------------|----------------------|---------|
| Limestone   | 1317-65-3 | TWA (inhalable dust)          | 10 mg/m <sup>3</sup> | GB EH40 |
| Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to |           |                               |                      |         |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020



BUILDING TRUST



Version 4.0

Print Date 21.12.2020

|                            |            |   |                                |         |
|----------------------------|------------|---|--------------------------------|---------|
|                            |            | <p>health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m<sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m<sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.</p>   |                                |         |
|                            |            | TWA (Respirable dust)   | 4 mg/m <sup>3</sup>            | GB EH40 |
| plaster of paris           | 26499-65-0 | TWA (inhalable dust)  | 10 mg/m <sup>3</sup>           | GB EH40 |
|                            |            | <p>Further information: For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/4 General methods for sampling and gravimetric analysis or respirable, thoracic and inhalable aerosols., The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m<sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m<sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed to dust above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limits., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system, and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/4., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure limit should be used.</p> |                                |         |
|                            |            | TWA (Respirable dust)   | 4 mg/m <sup>3</sup>            | GB EH40 |
| Quartz (SiO <sub>2</sub> ) | 14808-60-7 | TWA (Respirable fraction)   | 0,1 mg/m <sup>3</sup> (Silica) | GB EH40 |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



|                     |   |                            |         |             |
|---------------------|---|----------------------------|---------|-------------|
|                     | Further information: Capable of causing cancer and/or heritable genetic damage. |                            |         |             |
| calcium dihydroxide | 1305-62-0   | TWA (Respirable fraction)  | 1 mg/m3 | 2017/164/EU |
|                     | Further information: Indicative   |                            |         |             |
|                     |   | STEL (Respirable fraction) | 4 mg/m3 | 2017/164/EU |
|                     |   | TWA                        | 5 mg/m3 | GB EH40     |
|                     |   | TWA (Respirable fraction)  | 1 mg/m3 | GB EH40     |
|                     |   | STEL (Respirable fraction) | 4 mg/m3 | GB EH40     |

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

## 8.2 Exposure controls

### Personal protective equipment

- Eye protection : Safety glasses with side-shields  
Eye wash bottle with pure water
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Recommended: Butyl rubber/nitrile rubber gloves.  
Contaminated gloves should be removed.
- Skin and body protection : Dust impervious protective suit  
Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
particulate filter P  
P1: Inert material; P2, P3: hazardous substances  
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state : solid  
Appearance : powder  
Colour : off-white  
Odour : No data available  
Odour Threshold : No data available
- pH : 10

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0



BUILDING TRUST



Print Date 21.12.2020

|  |   |                       |
|--|---|-----------------------|
| Melting point/range / Freezing point             | : | No data available     |
| Boiling point/boiling range                      | : | No data available     |
| Flash point                                      | : | Not applicable        |
| Evaporation rate                                 | : | No data available     |
| Flammability (solid, gas)                        | : | No data available     |
| Upper explosion limit / Upper flammability limit | : | No data available     |
| Lower explosion limit / Lower flammability limit | : | No data available     |
| Vapour pressure                                  | : | No data available     |
| Relative vapour density                          | : | No data available     |
| Density  | : | 1,2 g/cm <sup>3</sup> |
| Solubility(ies)                                  |   |                       |
| Water solubility                                 | : | No data available     |
| Solubility in other solvents                     | : | No data available     |
| Partition coefficient: n-octanol/water           | : | No data available     |
| Auto-ignition temperature                        | : | No data available     |
| Decomposition temperature                        | : | No data available     |
| Viscosity  |   |                       |
| Viscosity, dynamic                               | : | No data available     |
| Viscosity, kinematic                             | : | Not applicable        |
| Explosive properties                             | : | No data available     |
| Oxidizing properties                             | : | No data available     |

### 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



Hazardous reactions : Stable under recommended storage conditions.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

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

#### Skin corrosion/irritation

##### Product:

Remarks : No data available

#### Serious eye damage/eye irritation

##### Product:

Remarks : Causes serious eye irritation.

#### Respiratory or skin sensitisation

##### Product:

Remarks : No data available

#### Germ cell mutagenicity

##### Product:

Germ cell mutagenicity- Assessment : No data available

#### Carcinogenicity

##### Product:

Carcinogenicity - Assessment : No data available

#### Reproductive toxicity

##### Product:

Reproductive toxicity - Assessment : No data available  
No data available



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



### 11.2 Information on other hazards

## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Endocrine disrupting properties

No data available

### 12.7 Other adverse effects

#### Product:

Additional ecological information : There is no data available for this product.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : The generation of waste should be avoided or minimized 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 spilled material and runoff and contact with soil, waterways, drains and sewers.
- Contaminated packaging : 15 01 10\* packaging containing residues of or contaminated by dangerous substances

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

### SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Not applicable

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants : Not applicable

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
no VOC duties

Directive 1999/13/EC  
Not applicable

If other regulatory information applies that is not already provided elsewhere in the Safety Data Sheet, then it is described in this subsection.

Health, safety and environmental regulation/legislation specific for the substance or mixture: : Environmental Protection Act 1990 & Subsidiary Regulations  
Health and Safety at Work Act 1974 & Subsidiary Regulations  
Control of Substances Hazardous to Health Regulations (COSHH)  
May be subject to the Control of Major Accident Hazards Regulations (COMAH), and amendments.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

## SECTION 16: Other information

### Full text of H-Statements

H315 : Causes skin irritation.  
H318 : Causes serious eye damage.  
H335 : May cause respiratory irritation.

### Full text of other abbreviations

Eye Dam. : Serious eye damage  
Skin Irrit. : Skin irritation  
STOT SE : Specific target organ toxicity - single exposure  
2017/164/EU : Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values  
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits  
2017/164/EU / STEL : Short term exposure limit  
2017/164/EU / TWA : Limit Value - eight hours  
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)  
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)  
ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS : Chemical Abstracts Service  
DNEL : Derived no-effect level  
EC50 : Half maximal effective concentration  
GHS : Globally Harmonized System  
IATA : International Air Transport Association  
IMDG : International Maritime Code for Dangerous Goods  
LD50 : Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)  
LC50 : Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Jetcem PLASTER

Revision Date 21.12.2020

Version 4.0

Print Date 21.12.2020



BUILDING TRUST



|        |   |  |
|--------|---|--|
| MARPOL | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978  |
| OEL    | : | Occupational Exposure Limit  |
| PBT    | : | Persistent, bioaccumulative and toxic  |
| PNEC   | : | Predicted no effect concentration  |
| REACH  | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC   | : | Substances of Very High Concern  |
| vPvB   | : | Very persistent and very bioaccumulative   |

### Further information

#### Classification of the mixture:

Eye Irrit. 2                      H319

#### Classification procedure:

Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.



Changes as compared to previous version !

GB / EN