

1.1. Product identifier

Product name Feldspar FFF

Product number FFFF

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

Identified uses Bulk filler in the Abrasives/ Ceramic / Paint/ Sanitaryware/ Tile industries. For use as a bulk filler in grout. For use in the production of glass. For use as a bulk filler in grout For use in the production of Glass.

Uses advised against This product must only be used for the purpose(s) specified above.

1.3. Details of the supplier of the safety data sheet

Supplier Simba Materials Limited t/a CTM Potters Supplies
 Unit 7-8 Broomhouse Lane Ind Estate, Edlington, Doncaster, DN12 1EQ
 T +44 (0)1709 770801 – F +44 (0)1709 770803 doncaster@ctmpotterssupplies.co.uk

 Unit 10a Millpark Ind Estate, White Cross Road, Woodbury Salterton EX5 1EL
 T +44 (0)1395 233077 – F +44 (0)1395 233905 admin@ctmpotterssupplies.co.uk

1.4. Emergency telephone number

Emergency telephone 0(44) 1709 770801 (9:00am to 4:00pm, Monday to Friday) Emergency 24 hour Telephone Number – National Chemical Emergency Centre - +44 (0)870 190 6777

National emergency telephone UK Consumers: telephone NHS 111. UK Healthcare Professionals consult: www.toxbase.org number

2.1. Classification of the substance or mixture

Classification (EC/1272/2008)

Physical hazards Not Classified
 Health hazards STOT RE 2 - H373
 Environmental hazards Not Classified

Classification (67/548/EEC or Xn;R48/20. 1999/45/EC)

Human health Xn;R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation

Environmental The product is not expected to be hazardous to the environment.

2.2. Label elements



Signal word

Warning

Hazard statements

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

P260 Do not breathe dust.

P314 Get medical advice/ attention if you feel unwell.

P501 Dispose of contents/ container in accordance with national regulations.

Contains

Feldspar-group minerals, Respirable Crystalline Silica

2.3. Other hazards

3.2. Mixtures

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments

The data shown are in accordance with the latest EC Directives.

4.1. Description of first aid measures

General information

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

Inhalation

Place unconscious person on their side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. Keep affected person under observation. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Skin contact

Immediately remove contaminated clothing. Rinse immediately with plenty of water. Remove contaminated clothing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

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| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Irritation of nose, throat and airway. |
| Ingestion | May cause discomfort if swallowed. |
| Skin contact | No specific symptoms known. |
| Eye contact | May cause temporary eye irritation. |

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

Notes for the doctor Please follow the instructions found in section 4.1.

5.1. Extinguishing media

Suitable extinguishing media The product is not combustible or explosive. Use fire extinguishing media to suit local surroundings.

5.2. Special hazards arising from the substance or mixture

Specific hazards Do not create dust clouds No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials. Use air-supplied respirator, gloves and protective goggles.

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions As a general principle, do not wash large spillages in to drainage systems.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. If only available method of cleaning up is dry sweeping, firstly dampen spill with water or dampened absorbent. Use respiratory protection when sweeping. Ventilate area well afterwards.

6.4. Reference to other sections7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust. Avoid inhalation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

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| Specific end use(s) | The identified uses for this product are detailed in Section 1.2. |
| Usage description | The use of engineering measures (e.g. local exhaust ventilation) are recommended to provide effective dust control in order to ensure compliance with the current Workplace Exposure Limits. |

8.1. Control parameters

Occupational exposure limits

Respirable Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³ respirable crystalline

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. All handling should only take place in well-ventilated areas.

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection As with many powders this material may abrade or dry the skin. The use of protective gloves is advised.

Other skin and body protection Wear appropriate clothing to prevent repeated or prolonged skin contact. It is recommended that impervious overalls which do not hold dust (e.g. 'ceramic terylene' type or 'pertex') are worn.

Hygiene measures Provide eyewash station. DO NOT SMOKE IN WORK AREA! When using do not eat, drink or smoke. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P3.

9.1. Information on basic physical and chemical properties

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| Appearance | Dusty powder. |
| Odour | No characteristic odour. |

9.2. Other information

Other information None.

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

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Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

11.1. Information on toxicological effects

Inhalation Products which contain crystalline silica (quartz) may be hazardous if the silica is finely divided. Inhalation of respirable sized crystalline silica over a prolonged period of time can result in damage to lung tissue and impaired pulmonary function Harmful: possible risk of irreversible effects through inhalation. Avoid Inhalation of dust

Ingestion May cause discomfort if swallowed.

Skin contact As with many powders prolonged contact may cause irritation and drying of the skin.

Eye contact Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity No data available.

12.2. Persistence and degradability

Persistence and degradability No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility No data available

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No information

12.6. Other adverse effects

Other adverse effects None known.

13.1. Waste treatment methods

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| General information | Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
| Disposal methods | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. |
| Waste class | Consult your waste service provider. Show this document. |

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| General | The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). |
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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

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

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| National regulations | No listing known. |
| EU legislation | 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) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. |
| Guidance | EH40/2005 Workplace Exposure Limits. Health & Safety Executive www.hse.gov.uk European Chemicals Agency (ECHA) www.echa.europa.eu Safety Data Sheets for Substances and Preparations. |

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| Health and environmental listings | None of the ingredients are listed. |
| Authorisations (Title VII Regulation 1907/2006) | No specific authorisations are known for this product. |
| Restrictions (Title VIII Regulation 1907/2006) | No specific restrictions on use are known for this product. |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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| General information | Only trained personnel should use this material. |
| Key literature references and sources for data | Sources of key data: UK HSE website http://www.hse.gov.uk/ UK HSE Guidance Note EH40 Workplace Exposure Limits. The Material Safety Data Sheets from Raw material suppliers ESIS website http://ecb.jrc.ec.europa.eu/esis/ REACH regulations (Regulation (Ec) No 1907/2006 of the European Parliament and of the Council of 18 December 2006) Classification Labelling and Packaging (CLP) regulations (Regulation (EC) No. 1272/2008) |
| SDS status | Approved. |
| Risk phrases in full | R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. |
| Hazard statements in full | H372 Causes damage to organs through prolonged or repeated exposure if inhaled. H373 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs (Lungs) through prolonged or repeated exposure. |