

SIDERISE[®] CT

Cavity Tray

SAFETY DATA SHEET

December 2021



SIDERISE[®]
integrity in all we do

Siderise® CT Cavity Tray

1. Identification of substance/mixture and of the company

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| 1.1 Product Identifier | Siderise® CT Cavity Tray |
| 1.2 Relevant Identified uses of the substance or mixture and uses advised against. | Cavity Tray In terms of site use, the product will be used in accordance with technical guidance published by Siderise. |
| 1.3 Details of the supplier of the safety data sheet | Siderise Group, Forge Industrial Estate Maesteg UK CF34 0AY Tel: +44 (0)1656 730833; Fax: +44 (0)1656 812509 Email: technical.services@siderise.com; Web: www.siderise.com |
| 1.4 Emergency telephone number | Siderise office 9am to 5pm – Tel: +44 (0)1656 730833 |

2. Hazards identification

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| 2.1 Classification of the substance or mixture | Regulation (EC) No. 1272/2008. Product mixture is not classified under Regulation (EC) No. 1272/2008. |
| 2.2 Label elements | The product does not require a hazard warning label in accordance with EC directives. |
| 2.3 Other hazards | According to Regulation (EC) No 1907/2006 (REACH) none of the substances contained in this product are a PBT / vPvB substance. |

3. Composition/Information on ingredients

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| 3.1 Substances | A cavity tray system consisting of non-combustible Stonewool ¹ , Aluminium Foil ² , and bonding materials. 1. Stonewool – EC identification No. 926-099-9, REACH registration no.01-211-947-2313-44 Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content greater than 18% by weight and meeting the requirements of Nota Q Regulation 1272/2008 2. Aluminium (Al) – Cas Number 7429-90-5, EINECS Number 231-072-3 |
| 3.2 Facing materials | Siderise CT Cavity Tray is supplied with aluminium foil facing |

4. First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation

In case of discomfort due to product material dust, blow nose and rinse throat with clean water to clear any dust.

In case of any discomfort due to contact with stonewool, remove contaminated clothing and wash skin gently with clean cold water and mild soap.

4.1.2 Skin

In case of contact with eyes, rinse abundantly with clean water for at least 15 minutes.

4.1.4 Ingestion

If ingested, drink plenty of water.

4.1.3 Eye

In case of contact with eyes, rinse abundantly with clean water for at least 15 minutes.

4.2 Most important symptoms and effects, both acute and delayed

The mechanical effect of fibres in contact with skin can cause temporary itching.

4.3 Indication of any immediate medical attention and special treatment needed

None required. If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.

5. Fire fighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Appropriate extinguishing agents: All standard firefighting media (Water, foam, carbon dioxide or dry powder).

5.1.2 Unsuitable extinguishing media

None

5.2 Special hazards arising from the substance or mixture

Product is predominantly non-combustible and will not pose a fire hazard. Some facings and packaging materials may burn.

5.3 Advice for firefighters

Observe normal firefighting procedure

6. Accidental release measures

6.1 Personal precautions

Gloves should be worn to protect skin from irritation or cuts. Use personal protective equipment as described in Section 8

6.2 Environmental precautions

Non required

6.3 Methods and materials for containment and cleaning up

Mechanically clean-up and dispose as per section 13.

6.4 Reference to other sections

Recommended personal protection equipment and waste disposal considerations are covered in sections 8 and 13.

7. Handling and storage

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| 7.1 Precautions for safe handling | No specific measures. Recommended personal protection equipment and waste disposal considerations are covered in sections 8 and 13. |
| 7.2 Conditions for safe storage, including any incompatibilities | Store the product in a dry (not humid) and ventilated room, away from oxidants, strong acids and water. Store product to protect against damage including the weather |
| 7.3 Specific end use(s) | None required |

8. Exposure controls/personal protection

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| 8.1 Control parameters | Workplace exposure limit (WEL) 5mg/m ³ gravimetric measure (total inhalable dust) and 2 fibres/ml airborne fibre limit, 8-hour time weighted averages. HSE guidance assumes that the gravimetric measure would be reached before the fibre measure. |
| 8.2 Exposure controls | |
| 8.2.1 Engineering Measures | No specific requirements |
| 8.2.2 Individual protection measures, such as personal protective equipment | <p>Eye protection: With dust development or particularly when working with product above shoulder height, the use of safety goggles to EN 166 is advised.</p> <p>Hand protection: It is recommended that gloves in conformity with EN 388 are worn for comfort.</p> <p>Skin protection: Wear closed/long working clothes.</p> <p>Other: Cover exposed skin for comfort</p> |

9. Physical and chemical properties

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| 9.1 Information on basic physical and chemical properties | <ul style="list-style-type: none">a) Appearance: Grey with silver shades aluminium wrapped faces with black taped lower lip. Solid, green-brown on exposed side faces.b) Odour: Typicalc) Odour threshold: See above – Typical odour therefore not applicabled) pH: Not relevante) Melting point: Above 1000°C. Please see Siderise product technical data sheet for further information depending on application.f) Initial boiling point & boiling range: Solid material therefore not applicable.g) Flash point: A2-s1, d0 - 'Limited Combustibility' (ref UK and Ireland Building Regulations)h) Evaporation rate: Solid material therefore not applicablei) Flammability: A2-s1, d0 - 'Limited Combustibility' (ref UK and Ireland Building Regulations) Upper/lower flammability or explosive limits: See abovek) Vapour pressure: Solid material therefore not applicablel) Vapour density: See above – solid material therefore not applicablem) Relative density: Solid material therefore not applicablen) Solubility(ies): General chemically inert and insoluble in watero) Partition coefficient n-octanol/water: See above – insoluble therefore not applicablep) Auto-ignition temperature: A2-s1, d0 - 'Limited Combustibility' (ref UK and Ireland Building Regulations)q) Decomposition temperature: When heated to approximately 200°C for the first time(s), release of binder components and binder decomposition products occurs |
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- r) **Viscosity:** Solid material therefore not applicable
- s) **Explosive properties:** A2-s1, dO - 'Limited Combustibility' (ref. UK and Ireland Building Regulations)
- t) **Oxidising properties:** Non-oxidising material therefore not applicable

9.2 Other information

No further chemical or physical properties to report.

10. Stability and reactivity

10.1 Reactivity

Not reactive

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

Not reactive

10.4 Conditions to avoid

Humidity: humidity on the product can cause oxidisation of the material.
Powders: Avoid the production of aluminium powder, as it can lead to an explosive atmosphere. Direct heat or sunlight and strong oxidising agents.

10.5 Incompatible materials

None specified.

10.6 Hazardous decomposition products

When product is heated to approximately 200°C for the first time(s), release of binder components and binder decomposition products occurs.

11. Toxicological information

11.1 Information on toxicological effects

- a) **Acute toxicity:** No acute toxicity
- b) **Irritation:** The mechanical effect of fibres in contact with skin can cause temporary itching.
- c) **Corrosivity:** No corrosivity
- d) **Sensitisation:** No sensitisation
- e) **Repeated dose toxicity:** No repeated dose toxicity
- f) **Carcinogenicity:** Owing to their high bio-solubility, the fibre types of Siderise stone wool insulation materials are assessed as free from suspicion of possible carcinogenic effects in accordance with Regulation (EC) No 1272/2008 (ref. Nota Q). In October 2001, the International Agency for Research on Cancer (IARC) classified mineral wool insulation as Group 3 (not classifiable as to its carcinogenicity in humans). i.e. not classified as possibly carcinogenic to humans. Furthermore, there are no hazardous classifications associated with stone wool under REACH Regulations.
- g) **Mutagenicity:** No mutagenicity
- h) **Toxicity for reproduction:** No toxicity for reproduction.

12. Ecological information

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| 12.1 Eco toxicity | None |
| 12.2 Persistence and degradability | None |
| 12.3 Bioaccumulative potential | None |
| 12.4 Mobility in soil | None |
| 12.5 Results of PBT and vPvB assessment | No assessment required. |
| 12.6 Other adverse effects | Relying on entrapped air for its thermal properties, Siderise does not and never has used blowing agents with Ozone Depleting Potential or Global Warming Potential |

13. Disposal consideration

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| 13.1 Waste treatment methods | Siderise CT material is recyclable. Material is classified as non-hazardous waste. Product material waste is covered by the non-hazardous entry "17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03" in the European Waste Catalogue, established by EC Decision 2000/532/EC (hazardous waste). Under landfill |
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14. Transport information

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| 14.1 UN number | Not applicable |
| 14.2 UN proper shipping name | Not applicable |
| 14.3 Transport hazard class(es) | Not applicable |
| 14.4 Packing group | Not applicable |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | Not applicable |

15. Regulatory information

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| 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture | No specific safety, health and environmental regulations/legislation are associated with this products accordance with REACH. |
| 15.2 Chemical safety assessment | No assessment required. |
| 15.3 Important notice | The information included in the safety data sheet is based on our most up to date knowledge and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed. No liability will be accepted (except as by specified by law) for use of information taken from this safety data sheet. It is the responsibility of the user of this product to observe the rules and regulations. |

16. Other information

16.1 Additional information

Stone wool fibres are exonerated from classification as a carcinogen in accordance with Regulation EC 1272/2008 (ref. Nota Q).

The Siderise stone wool fibres are subject to independent assessment of compliance by the European Certification Board for Mineral Wool Products (EUCEB, www.euceb.org) on an ongoing, voluntary basis.

Health and Safety Executive Guidance Note EH40 - Occupational Exposure Limits.

Hazardous waste regulations

List of Wastes/European Waste Catalogue (EWC). Environment Agency Technical Guidance WM2, "Interpretation of the definition and classification of hazardous waste".

Landfill Regulations

MIMA/Eurisol Health Statement. This Safety Data Sheet has been prepared in accordance with European Commission Regulation (EU) No 453/2010 (REACH).

This data sheet does not constitute a workplace assessment.

The information provided represents the state of our knowledge regarding this material at the date of its publication.

The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for. This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.

The data included in this sheet is based on our knowledge at the date of the latest version. The user shall check the suitability and the completeness of the information according to the specific end use of the product.

Document drawn up according to the European regulation 1907 /2006 (REACH) 1272/2008 (CLP)

16.2 Indication of changes

Although the data found have been produced and processed from sources believed to be reliable and based on the best information currently available, no warranty expressed or implied is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information.

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Changes may be periodically added to the information herein; Data can quickly become out of date.

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Further information

Technical support:

For further information please contact the technical team: technical.services@siderise.com

Products & Technical Information

Visit our website for further product information and free technical downloads: www.siderise.com

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| Company | Siderise Group, Forge Industrial Estate. Maesteg, UK, CF34 0AY |
| Trade Name | Siderise |
| Revised on | 3 December 2021 |
| Authorised by | G Laws |
| Product name | Siderise CT Cavity Tray |
| Replaces issue | 3 November 2021 |
| Changes made | n/a |
| Additional Information | This safety data sheet refers specifically to the products listed and cannot be used in other products. |



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