Siderise® MC

Mullion Cover Acoustic Core

SAFETY DATA SHEET

To be used in conjunction with Siderise® MC
Mullion Cover Metal Assemblies MSDS

December 2021

SIDERISE®
integrity in all we do

Siderise MC Mullion Cover Acoustic Core

1. Identification of substance/mixture and of the company

1.1 Product Identifier

Siderise MC Mullion Cover Acoustic Core

The product is an "article", not a chemical. It is not classified as dangerous under European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).

It is exempt from the requirements to register under REACH.

CAS No. Not applicable; EC No. Not applicable; Index No. Not applicable; REACH registration No. Not applicable

1.2 Product code

MC

1.3 Relevant identified uses and uses advised against

Industrial and Professional: Acoustic Engineering, Air Conditioning Duct Liner, Very High Fire Risk Mattresses & Pillows, Acoustic Enclosures, Acoustic Wall Panels, Anechoic Chambers

Consumer: Not applicable.

Avoid any use: Restricted to industrial and professional use.

1.4 Details of the supplier of the safety data sheet

Siderise (Special Products) Ltd, Lady Lane Industrial Estate, Hadleigh, Suffolk, IP7 6BQ
Tel: +44 (0) 1473 827695
Email: technical.sspl@siderise.com; Web: **www.siderise.com**

1.5 Emergency telephone number

Siderise office 9am to 5pm – Tel: +44 (0) 1473 827695

2. Hazards identification

2.1 Classification of the substance or mixture (EC 1272/2008)

Not applicable.

2.2 Label elements

Not applicable.

2.3 Signal word

Not applicable.

2.4 Hazard statements

Not applicable.

2.5 Precautionary statements

Not applicable.

2.6 Supplemental information

Not applicable.

2.7 Other hazards

Not applicable.

3. Composition/Information on ingredients

Chemical Name	CAS No.	EC No.	REACH Reg No.	Classification Conc'n %
N/A	N/A	N/A	N/A	N/A

3.1 Further information

Poly-addition products of isocyanates, polyols and water. Controlled by catalysts, stabilizers and other substances resulting in cellular polyurethane foams which are then post treated with flame retardants, and polymeric binding agent. Mineral fillers, polymeric based (PP,PE), plasticizers, plastics, aluminium.

4. First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation	Consult physician if coughing, discomfort, or obstruction of air passage occurs.
4.1.2 Skin contact	Wash off any foam dust. In contact with hot material cool by water and do not separate (from skin). Go to medical centre.
4.1.3 Eye contact	In case of contact with eyes, rinse immediately with plenty of water until irritation subsides. If necessary, seek medical advice.
4.1.4 Ingestion	Consult physician if coughing, discomfort, or obstruction of air passage occurs.

4.2 Most important symptoms and effects, both acute and delayed

None expected.

4.3 Indication of any immediate medical attention and special treatment needed

None expected.

5. Fire fighting measures

5.1 General hazard

Under extreme temperatures foam will decompose and emit toxic gases.

In the event of a fire, evacuate premises immediately and call the Fire Brigade. Avoid inhalation of smoke and gases.

5.2 Extinguishing media

To suit local surroundings (e.g. water spray, carbon dioxide, foam, chemical powder).

5.3 Extinguishing media not to be used

None reported. In case of big fires, do not use water blast.

5.4 Special hazards arising from the substance or mixture

Decomposition products released in a fire, (e.g. carbon black, carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen cyanide), should be considered toxic if inhaled.

5.5 Advice for fire fighters

Wear self-contained breathing apparatus and avoid run-off water entering the drains.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition – no smoking.

6.2 Environmental precautions

Do not allow to get into waste water or waterways.

6.3 Methods and materials for containment and cleaning up

Pickup and sweep up as for any other inert material.

6.4 Reference to other sections

Not applicable.

7. Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

No special conditions required, but ideally to be stored in dry conditions between 5°C and 35°C.

7.3 Specific end use(s)

Industrial and Professional: Keep foam away from sparks, naked lights, open flames, exposed electrical elements, or other ignition sources. Smoking should be forbidden in areas where material is stored or processed.

8. Exposure controls/personal protection

8.1 Control parameters

8.1.1 Personal protection

Wear personal protective equipment appropriate to the task -see below.

8.1.2 Eye protection

See below.

8.1.3 Skin protection

See below.

8.1.4 Respiratory protection

See below.

8.1.5 Other personal protection

Unless exposure to foam dust is anticipated, dust masks, goggles, and gloves are not required.

Mechanical ventilation should be considered in operations that generate large quantities of foam dust.

8.2 Environmental exposure controls

Do not allow to get into waste water or waterways.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) **Form:** Cellular foam/Aluminium foil faced, mineral filled polymer.

b) **Colour:** Dark grey foam/beige mineral filled polymer/reflective aluminium.

c) **Odour:** Faint, characteristic.

d) **Odour threshold:** Not available.

e) **Molecular weight:** Not applicable.

f) **Molecular formula:** Not applicable.

g) **pH:** Not applicable.

h) **Melting pt/range:** Not available.

i) **Boiling pt/range:** Not applicable.

j) **Flash point:** Not applicable.

k) **Relative evaporation rate:** Not available.

l) **General Flammability:**
BS EN 13501-1; Euroclass B-s1,d0
Fire Propagation Index: < 12 BS 476 pt 6
Surface Spread of Flame: Class “1”, BS 476 pt 7
Building Regs. 1991 (Fire Safety): Class “0”, BS 476 pt 6 & pt 7 Operating Temperature: -30 to 100°C
UL94 Classification: 94 V-0 UL 94
Surface Burning Behaviour: Class A, ASTM E84-95

m) **Explosive limits:** Not applicable.

n) Vapour pressure: Not applicable.

o) Vapour density: Not applicable.

p) Density: > 90 kg/m³ BS EN ISO 845

q) Partition coefficient (log P or log K n-octanol/water): Not applicable.

r) Decomposition temperature: Not available.

s) Viscosity: Not applicable

t) Explosive properties: Not applicable, based on structure.

u) Oxidising properties: Not applicable, based on structure.

9.2 Other information

Not applicable.

10. Stability and reactivity

10.1 Reactivity

Almost inert.

10.2 Chemical stability

Stable under normal conditions of handling and storage.

10.3 Possibility of hazardous reactions

None reported.

10.4 Incompatible materials

Not applicable, based on structure.

10.5 Hazardous decomposition products

Decomposition products released in a fire, (e.g. carbon black, carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen cyanide, sulphur dioxide), should be considered toxic if inhaled.

11. Toxicological information

11.1 Information on toxicological effects

No data available for the product.

a) Acute toxicity – oral: No data available for the product.

b) Acute toxicity – inhalation: No data available for the product.

c) Acute toxicity – dermal: No data available for the product.

d) Skin corrosion/irritation: Repeated exposure may cause skin dryness.

e) Serious eye damage/irriation: May cause eye irritation in dust form.

f) Respiratory sensitisation: No data available for the product.

g) Skin sensitisation: No data available for the product.

h) CMR effects: No data available for the product.

i) Single dose toxicity: No data available for the product.

j) Repeated dose toxicity: No data available for the product.

k) Aspiration hazard: None reported.

l) Adverse health effects and symptoms: No data available for the product.

m) Other information: None.

12. Ecological information

a) Toxicity: No data available for product.

b) Fish, acute: No data available for product.

c) Fish, chronic: No data available for product.

d) Invertebrates Algae: No data available for product.

e) Soil organisms: No data available for product.

f) Micro organisms: No data available for product.

g) Other organisms: No data available for product.

h) Persistence & degradability: No data available for product.

i) Bioaccumulative potential: No data available for product.

j) Mobility in soil: No data available for product.

k) Results of PBT & vPvB assesment: Not classified.

13. Disposal consideration

13.1 Disposal method

Various methods are available for the recycling of uncontaminated cellular foam including, crumbed or shredded or re-bonded to produce reconstituted foam.

14. Transport information

14.1 Land transport (ADR/RID)

a) UN number: Not applicable.
b) UN proper shipping name: Not applicable.
c) Transport hazard class(es): Not applicable.
d) Packing group: Not applicable.
e) Environmental hazards: Not applicable.
f) Special precautions for user: None reported.
g) Emergency action code: Not applicable.
h) Hazard Identification Number: Not applicable.

14.2 Marine transport (IMDG)

a) UN number: Not applicable.
b) UN proper shipping name: Not applicable.
c) Transport hazard class(es): Not applicable.
d) Packing group: Not applicable.
e) Environmental hazards: Not applicable.
f) Special precautions for user: None reported.

14.3 Air transport (ICAO/IATA)

a) UN number: Not applicable.
b) UN proper shipping name: Not applicable.
c) Transport hazard class(es): Not applicable.
d) Packing group: Not applicable.

14.4 Environmental hazards

Not applicable.

14.5 Special precautions for user

None reported.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for product

Not applicable.

15.2 Chemical safety assessment

Not applicable.

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 responsiblity of the user of this product to observe the rules and regulations.

16. Other information

16.1 Reason for revision

- 1999/45/EC – EU Dangerous Preparations Directive
- ACGIH – American Conference of Governmental Industrial Hygienists, Inc.
- ADR – European agreement governing the international carriage of dangerous goods by

16.2 Key to abbreviations and acronyms

- CAS No – Chemical Abstracts Service Registry Number
- CLP – Classification, Labelling and Packaging Regulation (EC) 1272/2008
- CMR – Carcinogen, Mutagen, Reprotoxin
- DGEAC – Dangerous Goods Emergency Action Code List
- EC No – European Inventory of Chemical Substances number
- ECHA – European Chemicals Agency
- EH40 (2005) – HSE's list of Workplace Exposure Limits, as updated and amended
- GHS – Globally Harmonised System for classification and labelling chemicals
- HSE – Health and Safety Executive (UK)
- kPa – Kilopascal
- LC50 – Concentration of a material in air that kills 50% of the test subjects
- LD50 – Amount of a solid or liquid material that kills 50% of test subjects
- LTEL – Long Term Exposure Limit
- mg/m^3 – Milligrams per cubic metre
- NOAEL – No Observed Adverse Effect Limit OEL Occupational Exposure Limit
- PBT – Persistent, Bioaccumulative and Toxic
- ppm – Parts per million
- REACH – Registration, Evaluation and Authorisation of Chemicals Regulation (EC) 1907/2006
- RTECS – Registry of Toxic Effects of Chemical Substances
- STEL – Short Term Exposure Limit
- TLV – Threshold Limit Value
- TWA – Time Weighted Average
- vPvB – very Persistent, very Bioaccumulative

16.3 Sources of data

Safety Data Sheets, ADR, DGEAC, RTECS, ACGIH, ECHA, EH40.

16.4 Methods used to evaluate information used for classification	Not applicable
16.5 Key to Hazard Statements in Section 3	Not applicable
16.6 Key to Risk Phrases in Section 3	Not applicable

Further information

Technical support	For further information please contact the technical team: technical.sspl@siderise.com
Products & technical information	visit our website for further product information and free technical downloads: **www.siderise.com**

Company	Siderise (Special Products) Ltd, Lady Lane Industrial Estate, Hadleigh, Suffolk, IP7 6BQ
Trade Name	Siderise (Special Products) Limited
Revised on	20 December 2021
Authorised by	M Carrick
Product name	Siderise insulation products
Changes made	
Additional Information	This safety data sheet refers specifically to the products listed and cannot be used in other products.

SIDERISE®
integrity in all we do

Siderise (Special Products) Ltd,
Lady Lane Industrial Estate,
Hadleigh, Suffolk, IP7 6BQ

Tel: +44 (0) 1473 827695
E: technical.sspl@siderise.com

www.siderise.com