

SIDERISE® 'M' SERIES ACOUSTIC FOAM

1. Identification of substance/mixture and of the company

1.1 Product identifier

SIDERISE 'M' series acoustic foam

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

Acoustic insulation.

1.3 Details of the supplier of the safety data sheet

Siderise Group, Lady Lane Industrial Estate, Hadleigh, Suffolk, UK, IP7 6BQ

Tel: +44 (0)1473 827695; Fax: +44 (0)1473 827179

Email: sds@siderise.com; Web: www.siderise.com

1.4 Emergency telephone number

SIDERISE office 9am to 5pm - Tel: +44 (0)1656 730833

2. Hazards identification

2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 [CLP]: No need for classification according to GHS criteria for this product.

2.2 Label elements

According to Regulation (EC) No 1272/2008 [CLP]: The product does not require a hazard warning label in accordance with GHS criteria.

2.3 Other hazards

According to Regulation (EC) No 1272/2008 [CLP]: No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition/Information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical nature: Polymer based on melamine resin.

4. First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

4.1.2 Skin contact

Wash thoroughly with soap and water. Consult a doctor if skin irritation persists.

4.1.3 Eye contact

If difficulties occur: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If symptoms persist, seek medical advice.

4.1.4 Ingestion

Rinse mouth and then drink plenty of water. If difficulties occur: Obtain medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

Hazards: No hazard is expected under intended use and appropriate handling.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire fighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media

Suitable extinguishing media: Water spray, foam, dry powder, carbon dioxide.

5.1.2 Unsuitable extinguishing media

For safety reasons: Water jet.

5.2 Special hazards arising from the substance or mixture

Special protective equipment: Wear a self-contained breathing apparatus.

5.3 Advice for firefighters

Special protective equipment: Wear a self-contained breathing apparatus.

5.4 Further information

The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid skin contact and inhalation of dust/aerosol.

6.2 Environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

6.4 Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling

Protect against moisture. Avoid dust formation. Processing machines must be fitted with local exhaust ventilation. Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion: No special precautions necessary.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Protect against moisture.

Storage stability: May be kept indefinitely if stored properly.

7.3 Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure controls/personal protection

8.1 Control parameters

Not applicable.

8.1.1 Components with occupational exposure limits

The limit values will not be achieved if the product is processed proper and suitable ventilation is provided.

50-00-0: formaldehyde...%

TWA value 2.5 mg/m³ ; 2 ppm (WEL/EH 40 (UK))

STEL value 2.5 mg/m³ ; 2 ppm (WEL/EH 40 (UK))

Refer to the current edition of HSE Guidance Note EH40 Occupational Exposure Limits (United Kingdom)

8.2 Exposure controls

8.2.1 Hand protection

Protective gloves against mechanical risks (EN 388).

8.2.2 Eye protection

Required when there is a risk of eye contact., Safety glasses.

8.2.3 Body protection

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

8.2.4 Respiratory protection

Breathing protection if dusts are formed. Particle filter with low efficiency for solid particles (e.g. EN143 or 149, Type P1or FFP1).

8.3 General safety and hygiene measures

No special measures necessary if stored and handled correctly. Handle in accordance with good industrial hygiene and safety practice. Hands and/or face should be washed before breaks and at the end of the shift. Consult the company Industrial Hygienist for recommendations on exposure testing and personal protective equipment.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) **Form:** Blocks, foam material, sheets.

b) **Colour:** Various, depending on the colourant.

c) **Odour:** Odourless.

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

e) **pH value:** Not applicable

f) **Melting point:** The substance/product decomposes therefore not determined.

g) **Boiling range:** The substance/product decomposes therefore not determined.

h) **Flash point:** The substance/product decomposes therefore not determined.

i) **Evaporation rate:** Not applicable - the product is a non-volatile solid.

j) **Flammability:** Not highly flammable.

k) **Lower explosion limit:** As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

l) **Upper explosion limit:** As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

m) **Ignition temperature:** > 580°C (ASTM D1929).

n) **Vapour pressure:** Not applicable.

o) **Density:** Approx. 4 - 12 g/l (20°C, 1,013 hPa).

p) **Relative density:** Approx. 0.004 - 0.012 (20°C, 1,013 hPa)

q) **Relative vapour density (air):** Not applicable - the product is a non-volatile solid.

r) **Solubility in water:** Not soluble (20°C, 1,013 hPa)

s) **Partitioning coefficient n-octanol/water (log Kow):** not applicable

t) **Self ignition:** Not self-igniting.

u) **Thermal decomposition:** > 350°C

v) **Explosion hazard:** Not explosive.

w) **Fire promoting properties:** Not fire-propagating.

9.2 Other information

No further chemical or physical properties to report.

10. Stability and reactivity

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

10.4 Conditions to avoid

Avoid humidity.

10.5 Incompatible materials

Substances to avoid: Strong acids, strong oxidizing agents, Halogens/ halogenation agents.

10.6 Hazardous decomposition products

Possible decomposition products: At prolonged and/or strong thermal stressing above the decomposition temperature dangerous decomposition products can be formed.

11. Toxicological information

11.1 Information on toxicological effects

a) **Acute toxicity:** Assessment of acute toxicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data: LD50 rat (oral): > 5,000 mg/kg.

b) **Irritation:** Assessment of irritating effects: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

c) **Respiratory/Skin sensitization:** Assessment of sensitization: There is no evidence of a skin-sensitizing potential. A sensitizing effect on particularly sensitive individuals cannot be excluded.

d) **Germ cell mutagenicity:** Assessment of mutagenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

e) **Carcinogenicity:** Assessment of carcinogenicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. There is no formation of respirable dust during intended uses. However, if dust formation occurs at processing/finishing processing steps like reggranulation, mechanical machining (for example drilling, grinding etc.), occupational protection regulations have to be considered. No carcinogenic potential can be deduced from other studies with rats and mice.

f) **Reproductive toxicity:** Assessment of reproduction toxicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

g) **Specific target organ toxicity (single exposure):** No data available.

h) **Repeated dose toxicity and Specific target organ toxicity (repeated exposure):** Assessment of repeated dose toxicity: Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

i) **Aspiration hazard:** No data available.

j) **Other relevant toxicity information:** Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

12. Ecological information

12.1 Toxicity

Assessment of aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the structure of the product.

12.2 Persistence and degradability

Assessment biodegradation and elimination (H₂O): The polymer component of the product is poorly biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

In accordance with the required stability the product is not readily biodegradable. The product has not been tested. The statement has been derived from the structure of the product.

12.3 Bioaccumulative potential

Bioaccumulation potential: Because of the product's consistency and low water solubility, bioavailability is improbable.

12.4 Mobility in soil

Assessment transport between environmental compartments:
Absorption in soil: Study scientifically not justified.

12.5 Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

12.6. Other adverse effects

The product does not contain substances that are listed in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

12.7 Additional information

Add. remarks environm. fate & pathway: Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

13. Disposal consideration

13.1 Waste treatment methods

Check for possible recycling. Observe national and local legal requirements.

The UK Environmental Protection (Duty of Care) Regulations (EP) and amendments should be noted (United Kingdom).
Contaminated packaging: Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product. Completely emptied packagings can be given for recycling.

14. Transport information

14.1 Land transport

Not applicable.

ADR

Not classified as a dangerous good under transport regulations.
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

RID

Not classified as a dangerous good under transport regulations.
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known

14.2 Inland waterway transport

ADN

Not classified as a dangerous good under transport regulations.
UN number: Not applicable
UN proper shipping name: Not applicable
Transport hazard class(es): Not applicable
Packing group: Not applicable
Environmental hazards: Not applicable
Special precautions for user: None known
Transport in inland waterway vessel: Not evaluated

14.3 Sea transport

IMDG

Not classified as a dangerous good under transport regulations.

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None known

14.4 Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations.

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None known

14.5. UN number

See corresponding entries for "UN number" for the respective regulations in the tables above.

14.6. UN proper shipping name

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

14.7. Transport hazard class(es)

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

14.8. Packing group

See corresponding entries for "Packing group" for the respective regulations in the tables above.

14.9. Environmental hazards

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

14.10. Special precautions for user

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

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

Regulation: Not evaluated

Shipment approved: Not evaluated

Pollution name: Not evaluated

Pollution category: Not evaluated

Ship Type: Not evaluated

15. Regulatory information

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

The data should be considered when making any assessment under the Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, for example, 'COSHH Essentials' (United Kingdom).

15.2 Chemical safety assessment

A safety data sheet for this product is legally not required and is provided by us just as a courtesy to our customers.

Product is not classified as hazardous.

Chemical Safety Assessment not 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 Standard information

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'. The product does not contain recycled material.

16.2 Additional information

This Safety Data Sheet refers specifically to the products listed and can not be used in other products.

Date prepared: 15 March 2016

Further information

Technical support

For further information please contact our Conversion technical team at the address below.

Products & technical information

Visit our website for product information and free technical downloads.



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