SIDERISE

Lamacell thermal insulation

1. Identification of the substance/mixture and of the company

1.1 Product identifier
SIDERISE Lamacell thermal insulation.

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

1.3 Details of the supplier of the safety data sheet
Siderise Group, Unit 21, 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 - Monday to Friday
Tel: +44 (0)1473 827695

2. Hazards identification

2.1 Possible hazards
None.

3. Composition/Information on ingredients

3.1 Identification of substance or preparation
Impregnated foam on the basis of synthetic rubber (elastomer) / NBR.

4. First aid measures

4.1 Description of first aid measures

4.1.1 Inhalation
No special measures required.

4.1.2 Skin
The product has no special risks related to its use. Protective gloves may be worn.

4.1.3 Eye
During processing of the product contact with eyes is unlikely. Eye contact can occur through contaminated hands or dust. Rinse immediately with plenty of water and seek medical advice. The product has no special risks related to its use.

4.1.4 Ingestion
Due to the nature and form of the material swallowing is unlikely. Contact with the mouth can occur through contaminated hands or dust. The product has no special risks related to its use.

5. Fire fighting measures

5.1 Extinguishing media

5.1.1 Suitable extinguishing media
Water. Carbon dioxide (CO_2). Chemical dry powder. Water spray.

5.1.2 Unsuitable extinguishing media
None known.

5.2 Special hazards arising from the substance or mixture
Do not inhale combustion gases. Hazardous gases such as carbon oxide (CO), carbon dioxide (CO_2), sulphur dioxide (SO_2) and alogens (Br, Cl) can be produced in a fire. In the event of a fire, wear independent breathing apparatus.

5.3 Advice for fire-fighters
Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Not required.

6.2 Environmental precautions
The product does not present any particular risk for the environment, however, do not allow to enter into soil/subsoil or to run-off into surface water or drains as a waste. In case of run-off into waterways, soil or drains as a waste, inform the responsible authorities.

6.3 Methods and materials for containment and cleaning up
Retrieve mechanically.

7. Handling and storage

7.1 Precautions for safe handling
Contamined clothing should be changed before entering eating areas. Do not eat or drink while working.

7.2 Separation of incompatible products
No special measures required.

7.3 Information about protection against explosions and fires
No special measures required.

7.4 Conditions for safe storage
Can be stored in dry clean conditions under normal relative humidity (60-70%) and ambient temperature (0°C - 35°C). Keep away from food, drink and feed.

Incompatible materials: Strong oxidizers and acids.
Ensure adequate ventilation.

8. Exposure controls / personal protection

8.1 General safety measures
Not required.

8.2 Exposure controls

8.2.1 Individual protection measures, such as personal protective equipment

■ Eye protection
Operate according good working practices.

■ Respiratory protection
Operate according good working practices.

■ Hand protection
Operate according good working practices.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance: Sheets, cut parts and coils.

b) Colour: Black.

c) Odour: Standard.

d) Melting point: Not applicable.

e) Boiling point: None.

f) Flash point: Flame-resistant (DIN EN 13501-1/DIN 4102-B1) Normal flammability (DIN EN 13501-1/DIN 4102-B2).

g) Lower explosion limit: Inapplicable.

h) Upper explosion limit: Inapplicable.

i) Density: Raw density: 40-100 kg/m^3 (at 20°C).

j) Solubility in water: Not soluble.

k) Decomposition temperature: >200°C.

10. Stability and reactivity

10.1 Reactivity and chemical stability
Stable under normal conditions.

10.2 Conditions to avoid
Avoid the effect of naked flames.

10.3 Materials to avoid
No hazardous reactions known.

10.4 Hazardous decomposition products
Will degrade if not used correctly.
Decomposition products in case of fire: carbon oxide (CO), carbon dioxide (CO_2), and alogens (Br, Cl).

10.5 Possibility of hazardous reactions
Reaction may occur with strong oxidizing agent.

10.6 Incompatible materials
Strong mineral acids (nitric acid, hydrochloric acid, sulfuric acid, hydrofluoric acid), bromine, chlorine, hydrogen peroxide, aniline, benzene, chloroform, Freon 11, fuel FAM, carbon tetrachloride,trichloroethylene and xylene (reaction moderate or intensive).

Avoid contact with strong oxidants.

11. Toxicological information

11.1 Information on toxicological effects
Based on our experience and the information available to us, the product has no negative impact on health if handled correctly and used as directed.

12. Ecological information

12.1 Toxicity
The product is not classified as a water pollutant.

12.2 Persistence and degradability
Adopt good working practices, so that the product is not released into the environment as a waste.

12.3 Bioaccumulative potential
Not Available.

12.4 Mobility in soil
Not Available.

12.5 Results of PBT and vPvB assessment
None.

12.6 Other adverse effects
None known to date.

13. Disposal considerations

13.1 Waste treatment methods
Dispose of in line with local waste disposal regulations.
It is preferable to dispose of waste in landfill (solid waste).
Incineration is not recommended for this product due to the release of decomposition products.

List I of Directive 76/464/EEC: Water pollution by discharges of certain dangerous substances.

Directive 80/68/EEC: on the protection of groundwater against pollution caused by certain dangerous substances.

13.2 Recommendations for waste code according to AVV
Waste classification ordinance 07 02 13 (plastic waste).
note: The waste can be classified differently depending on the location where the product is used.

Please note EU resolution 2001/118/EG.

13.3 Packaging
Cardboard packaging can be sent for recycling.

14. Transportation

The product is not hazardous in terms of the transport regulations 9ADR/RID, IMDG code, ICAO-TI/IATA-DGR).

15. Regulatory information

15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Directive (EC) n. 1999/45
Regulation (EC) n. 790/2009 (ATP 1 CLP)
Regulation (EU) n. 453/2010 (Annex I)
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)

Where applicable, refer to the following regulatory provisions :

Directive 76/464/EEC: Water pollution by discharges of certain dangerous substances

Directive 80/68/EEC: on the protection of groundwater against pollution caused by certain dangerous substances

VOC Regulations:

French Regulation DEVL1101903: VOC emission class A+
Compliance of AgBB/DIBt German Requirement of 2012
Compliance of the Belgium Royal Decree to the indoor environment from construction product of 2012

15.2 Chemical safety assessment
Not required.

16. Other information

16.1 Standard information
The information contained in this Safety Data Sheet reflects our current level of knowledge and complies with national and EU legislation. However the working of the user are unknown to us and are outside of our control.

The details in this Safety Data Sheet describe the safety requirements of our products and offer no assurance as to the product's properties.

16.2 Additional information
This Safety Data Sheet refers specifically to the products listed and can not be used for other products.

Date of preparation: 19 February 2015, Issue 1