

# SIDERISE<sup>®</sup> RH Intumescent Strip

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## SAFETY DATA SHEET

March 2021



**SIDERISE<sup>®</sup>**  
*integrity in all we do*

Acoustic, fire and thermal insulation specialists

# **SIDERISE® RH Intumescent Strip**

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

<b>1.1 Product Identifier</b>	SIDERISE® RH Intumescent Strip construction materials
<b>1.2 Relevant Identified uses of the substance or mixture and uses advised against.</b>	Structural fire protection under influence of temperature intumescent building material.
<b>1.3 Details of the supplier of the safety data sheet</b>	Siderise Group, Forge Industrial Estate Maesteg UK CF34 0AY  Tel: +44 (0)1656 730833; Fax: +44 (0)1656 812509 Email: sds@siderise.com; Web: www.siderise.com
<b>1.4 Emergency telephone number</b>	SIDERISE office 9am to 5pm - Tel: +44 (0)1656 730833

## **2. Hazards identification**

<b>2.1 Classification of the substance or mixture</b>	<b>Regulation (EC) No. 1272/2008.</b> This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008. 2.2
<b>2.2 Label elements</b>	The product does not require a hazard warning label in accordance with EC directives.
<b>2.3 Other hazards</b>	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

#### 3.2 Chemical characterization

Intumescent flame retardant system consisting of: source of carbon, Bonding material, special additives. The product contains: Flame retardant

##### 3.2 Hazardous components

Not applicable

### 4. First aid measures

#### 4.1 Description of first aid measures

No hazards which require special first aid measures.

##### 4.1.1 Skin contact

Remove and wash contaminated clothes before re-use. Wash off immediately with soap and plenty of water. Consult a doctor if skin irritation persists.

##### 4.1.2 Eye contact

Remove contact lens. Rinse thoroughly with plenty of water, also under the eyelids. Summon a doctor immediately.

Consult a doctor.

##### 4.1.3 Ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Summon a doctor immediately.

##### 4.1.4 Inhalation

When used as intended, exposure through inhalation is not to be expected. In case of inhaling dust (possibly caused by abrasion) the affected person should be moved into fresh air. In case of unwellness seek medical advice.

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

See also chapter: 11.

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

No data available

## 5. Fire fighting measures

- |  |   |
|--|---|
| <b>5.1 Extinguishing media</b>                                   | Product itself does not burn. Fire-extinguishing activities according to surrounding. |
| <b>5.2 Special hazards arising from the substance or mixture</b> | None  |
| <b>5.3 Advice for firefighters</b>                               | Protective equipment has to be chosen according to the ambient conditions.            |

## 6. Accidental release measures

- |  |  |
|--|--|
| <b>6.1 Personal precautions</b>                                  | Suitable gloves and eye protection/wear protective clothing.                                   |
| <b>6.2 Environmental precautions</b>                             | Dispose of in closed containers. Do not discharge into the drains/surface waters/ground water. |
| <b>6.3 Methods and materials for containment and cleaning up</b> | Pick up mechanically, avoiding dust, and provide disposal in suitable recipients.              |
| <b>6.4 Reference to other sections</b>                           | Information for personal protective equipment look up chapter 8.                               |

## 7. Handling and storage

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|---|--|
| <b>7.1 Precautions for safe handling</b>                                |  |
| <b>7.1.1 Advice on safe handling</b>                                    | Ensure adequate ventilation, especially in confined areas. Avoid dust formation.   |
| <b>7.1.2 Advice on protection against fire and explosion</b>            | No specific fire preventions necessary. Pay attention to general rules of internal fire prevention.  |
| <b>7.1.3 Further information on handling</b>                            | Take the usual precautions when handling with chemicals. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feeding stuffs. Remove and wash contaminated clothes before re-use. |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b> |  |
| <b>7.2.1 Requirements for storage rooms and vessels</b>                 | Protect against physical damage.   |
| <b>7.2.2 Further information on storage conditions</b>                  | Protect from heat and direct solar radiation. Keep from freezing. To be kept tightly closed, in a cool and dry place.  |
| <b>7.3 Specific end use(s)</b>  | Structural fire protection, under influence of temperature intumescent building material.  |

## 8. Exposure controls/personal protection

### 8.1 Control parameters

No data available

### 8.2 Exposure controls

#### 8.2.1 Engineering Measures

Technical and organisational measures must be applied preferentially (personal protection equipment must not be a permanent arrangement). Ensure adequate ventilation, especially in confined areas. Avoid the formation and deposition of dust.

#### 8.2.2 Protective and hygiene measures

Take the usual precautions when handling with chemicals. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothes before re-use.

#### 8.2.3 Hand Protection

Protective gloves (EN 374) Safety gloves for the site (EN420, Cat. 1 or 2). Suitable materials also for extended, direct contact (recommended: protection index 6, corresponding to a permeation rate > 480 minutes according to EN 374): Nitrile rubber/nitrile latex - NBR (0,35 mm) Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

#### 8.2.4 Eye Protection

Eye wash bottle with pure water (EN 15154). Tightly fitting goggles (EN 166)

#### 8.2.5 Skin Protection

Wear closed/long working clothes.

#### 8.2.6 Respiratory protection

Breathing protection is not necessary in the case of correct usage under normal conditions.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- a) State: Solid matter
- b) Colour: According to product specification
- c) Odour: Faint, characteristic
- d) pH-Value: Not applicable

#### 9.1.1 Changes in the physical state

Melting point: Not determined  
 Initial boiling point and boiling range: Not determined  
 Sublimation point: Not applicable  
 Flash point: Not applicable  
 Sustaining combustion: Not sustaining combustion  
 Flammability Solid: Not applicable  
 Explosive properties: The product is not explosive.  
 Lower explosion limits: Not determined  
 Upper explosion limits: Not determined  
 Ignition temperature: Not applicable  
 Auto-ignition temperature Solid: Not determined  
 Decomposition temperature: Not determined  
 Oxidizing properties: The product is not self-igniting  
 Vapour pressure: Not applicable  
 Density (at 20°C): Not determined  
 Water solubility (at 20°C): Immiscible  
 Solubility in other solvents: Not determined  
 Partition coefficient: Not applicable  
 Viscosity / dynamic (at 20°C): Not determined  
 Viscosity / kinematic: Not determined

### 9.2 Chemical stability

Not determined

## 10. Stability and reactivity

<b>10.1 Reactivity</b>	Under the influence of high temperature $\geq 140$ °C (depending on construction material) starts a physico-chemical reaction which increase the volume.
<b>10.2 Chemical stability</b>	Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reactions known.
<b>10.4 Conditions to avoid</b>	Avoid effect of heat.
<b>10.5 Incompatible materials</b>	Strong oxidizing agents, strong acids and strong bases.
<b>10.6 Hazardous decomposition products</b>	Ammonia, aldehydes, alcohols, organic acids, carbon dioxide (CO <sub>2</sub> ), Carbon monoxide (CO), sulfur oxides, nitrous oxides (NO <sub>x</sub> ).

## 11. Toxicological information

<b>11.1 Information on toxicological effects</b>	
<b>11.1.1 Toxicokinetics, metabolism and distribution</b>	No toxicological data available.
<b>11.1.2 Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>11.1.3 Irritation and corrosivity</b>	Based on available data, the classification criteria are not met. Repeated or prolonged exposure may cause irritation of eyes and skin.
<b>11.1.4 Sensitising effects</b>	Based on available data, the classification criteria are not met. No sensitizing effect known.
<b>11.1.5 Carcinogenic/mutagenic /toxic effects for reproduction</b>	Based on available data, the classification criteria are not met.
<b>11.1.6 STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>11.1.7 STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>11.1.8 Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>11.1.9 Further information</b>	If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

## 12. Ecological information

<b>12.1 Eco toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	Not readily degradable
<b>12.3 Bioaccumulative potential</b>	The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT substance.
<b>12.6 Other adverse effects</b>	Not known.

## 13. Disposal consideration

### 13.1 Waste treatment methods

Disposal in accordance with local regulations.

**Waste disposal number of waste from residues/unused products**

170904: CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); other construction and demolition wastes; mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

**Waste disposal number of contaminated packaging**

150102: WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging:**

Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. Transport information

### 14.1 Transport hazard class

This product does not require a classification for transport

## 15. Regulatory information

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

**EU regulatory information**

2004/42/EC (VOC): 0 %

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**Additional information**

This mixture is not classified as dangerous in according to Regulation (EC) No 1272/2008. (GHS)

**National regulatory information**

Water contaminating class (D): 1 - slightly water co

### 15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## 16. Other information

### 16.1 Changes

Update 2019: \*indicates text in the SDS that has changed since the last revision

### 16.2 Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (Agreement concerning the international carriage of Dangerous goods by Road)

IMDG-Code: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organisation (IATA: The International Air Transport Association) GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals

### 16.3 Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

## 17. Other information

### 17.1 Hazardous waste regulations

List of Wastes/European Waste Catalogue (EWC). Environment Agency

Technical Guidance WM2, "Interpretation of the definition and classification of hazardous waste".

### 17.2 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.

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## Further information

### TECHNICAL SUPPORT

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

### PRODUCTS & TECHNICAL INFORMATION

Visit our website for product information and free technical downloads.

<b>Company</b>	Siderise Group, Forge Industrial Estate. Maesteg, UK, CF34 0AY
<b>Trade Name</b>	SIDERISE
<b>Revised on</b>	24 April 2020
<b>Authorised by</b>	P Handscomb
<b>Product name</b>	SIDERISE Stopseal Linear Gap Seal
<b>Replaces issue</b>	
<b>Changes made</b>	
<b>Additional Information</b>	



#### SIDERISE GROUP

Forge Industrial Estate  
Maesteg, Bridgend  
CF34 0AH, United Kingdom  
T: +44 (0)1656 730833  
E: technical.services@siderise.com

[www.siderise.com](http://www.siderise.com)



