

RCM (Roofing and Cladding Materials Ltd)



Safety Data Sheet
according to (EC) 1907/2006 - Article 31

Version 1
ISO No. 5172

Date prepared: 11 June 2021

SECTION 1 Identification of the article and of the company/undertaking

1.1 Product identifier

Trade name: Nullifire FS703
Identification of the product: Silicone Sealant
Type of product: Article

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

Use: Polydimethylsiloxane with inorganic fillers and alkoxysilane as curing agent

1.3 Details of the supplier of the safety data sheet

Supplier Unit 25-26 Rosevale Road
Parkhouse Industrial Estate West
Newcastle under Lyme
Staffordshire
ST5 7EF
United Kingdom

0800 612 4662

info@rcmltd.biz

1.4 Emergency telephone number

0800 612 4662

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45: Not applicable

Hazard class and category code regulation EC 1272/2008 (CLP): The product is not classified, according to the CLP regulation.

2.2 Label elements

Labelling regulation (EC) 67/548 or EC 1999/45: No Labelling Required.
Labelling regulation (EC) 1272/2008 (CLP): Void

2.3 Other hazards

None

SECTION 3 Composition/information on ingredients

Components: Polydimethylsiloxane with inorganic fillers and alkoxysilane as curing agent
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Substance Name	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
The product is not classified, according to the CLP regulation.	-	1272/2008 '1907/2006	Not applicable	Not applicable	Guidance on the classification and assessment of	Substances of very high concern (SVHC) according to REACH, Article 57

SECTION 4 First aid measures

4.1 Description of first aid measures

Inhalation: Supply fresh air; consult doctor in case of complaints

Skin contact: Remove from the skin using a cloth or paper. Then clean with water and soap. If skin irritation continues, consult a doctor

Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

Ingestion: Supply fresh air; consult doctor in case of complaints.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions. CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for fire-fighters

Flammable class: For safety reasons unsuitable extinguishing agents: Water with full jet

Protection against fire: Wear self-contained respiratory protective device

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Environmental precautions: Do not allow product to reach sewage system or any water course. No special measures required. Do not allow to enter sewers/ surface or ground water

6.3 Methods and material for containment and cleaning up

Methods and material for containment: Ensure adequate ventilation.

Clean up methods: Pick up mechanically. Dispose of the material collected according to regulations.

6.4 Reference to other sections

By a reaction with atmospheric humidity by-products are released. See chapter 8.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Personal protection: Information about fire - and explosion protection: No special measures required.

Technical protective measures: Precautions for safe handling Ensure good ventilation/exhaustion at the workplace

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational/workplace exposure limits: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Control parameters for airborne: as above

Inhalable as above

Respirable as above

8.2 Occupational exposure controls

8.2.1 General protection controls

Industrial hygiene: Keep away from foodstuffs, beverages and feed.

8.2.2 Individual protection controls

Respiratory protection: Based on available data, the classification criteria are not met.

Skin protection: Based on available data, the classification criteria are not met.

Eye protection: Avoid contact with the eyes and skin

Ingestion: No data available.

SECTION 9 Physical and chemical properties

Appearance: Form: Pasty

Colour: According to product specification

Odour: Characteristic

pH value: Not applicable.

Melting point/freezing point: Undetermined

Initial boiling point and boiling range: Not applicable.

Flash point: >100 °C

Evaporation rate: n/a

Flammability: H226 Flammable liquid and vapour. Flam. Liq. 3: Flammable liquids – Category 3

Explosive limits: Upper Lower
Product does not present an Product does not present an

Vapour pressure: n/a

Vapour density: No data known

Relative density: Density at 20 °C: 1.4 g/cm³ kg/m³

Solubility in water: Immiscible / difficult to mix

Auto-ignition temperature: Product is not selfigniting

Viscosity: n/a

Explosive properties: Product does not present an

Oxidising properties: Beginning at approx. 150 °C

9.2 Other information The product is not biodegradable.

SECTION 10 Stability and reactivity

10.1 Reactivity

Stability and reactivity: No further relevant information available

10.2 Chemical stability

Chemical stability: Thermal decomposition / conditions to be avoided:

10.3 Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions known.

Hazardous properties: No dangerous reactions known.

10.4 Conditions to avoid

Conditions to avoid: No dangerous reactions known.

10.5 Incompatible materials

Materials to avoid: No dangerous reactions known.

10.6 Hazardous decomposition products

None if stored according to specifications

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure: Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

11.2 Additional information

On product: Based on available data, the classification criteria are not met.

SECTION 12 Ecological information

- 12.1 **Toxicity** CAS: 541-02-6 (D5). LC50/96 h - >0.0016 mg/L (oncorhynchus mykiss), EC50/48 h - >0.0029 mg/L (daphnia magna)
- 12.2 **Persistence and degradability** No further relevant information available
- 12.3 **Bioaccumulative potential** No further relevant information available
- 12.4 **Mobility in soil** No further relevant information available.
- 12.5 **Results of PBT and vPvB assessment** Not applicable.
- 12.6 **Other adverse effects** No further relevant information available

SECTION 13 Disposal considerations

- 13.1 **Waste treatment methods** Uncured product may not be disposed of together with household waste and may not reach sewage system. To dispose of, open product containers and let them stand in open air until the reaction is finished totally (means there is no more smell). After that, waste can be disposed of as the cured product. Cured product can be deposited together with domestic waste. Observe the specific related regulations of local authorities.

13.2 General

- Product:** Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
- Contaminated packaging:** Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14 Transport information

- 14.1 **UN number**
- ADR/RID:** Void
- IMDG:** Void
- IATA:** Void
- 14.2 **UN proper shipping name**
- ADR/RID:** Void
- IMDG:** Void
- IATA:** Void
- 14.3 **Transport hazard class(es)**
- ADR/RID:** Void
- IMDG:** Void
- IATA:** Void
- 14.4 **Packaging group**
- ADR/RID:** Void
- IMDG:** Void
- IATA:** Void
- 14.5 **Environmental hazards**
- ADR/RID:** Void
- IMDG Marine pollutant:** Void
- IATA:** Void
- 14.6 **Special precautions for user**
- Overland transport:** Not applicable.
- Air transport:** Not applicable.
- Inland waterway transport:** Not applicable.
- Rail transport:** Not applicable.
- 14.7 **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**
- Not applicable.

SECTION 15 Regulatory information

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

- 15.1.1 EU-Regulations "CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1). "REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments). COMMISSION REGULATION (EU) 2015/830 of 28 May 2015. HSE EH40/2005 Workplace Exposure Limits (as amended). Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015). 2001/118/EC as regards the list of wastes 2008/98/EC on waste
- 15.1.2 National regulations No further relevant information available
- 15.2 Chemical safety assessment A Chemical Safety Assessment has not been carried out.

SECTION 16 Other information

Further Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight

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