



Safety data sheet according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Flexi Proof Water Block Mastic
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Sealant
- **Application of the substance / the mixture** Sealant
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Flexi Proof Flat Roof Systems
Rugge Farm, Horsham Road, Beare Green
Dorking, Surrey, RH5 4PT
Information Phone Number: 01306 776626
- **Further information obtainable from:** Environment protection department.
- **1.4 Emergency telephone number:**
- **Information Phone Number:** 01306 776626

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS07

- Skin Irrit. 2 H315 Causes skin irritation.
- Eye Irrit. 2 H319 Causes serious eye irritation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
- **Precautionary statements**
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P280 Wear protective gloves / eye protection / face protection.
P264 Wash thoroughly after handling.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see on this label).

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

Trade name: Flexi Proof Water Block Mastic

(Contd. of page 1)

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

| | | |
|--------------------------------------|--|---------|
| CAS: 1332-58-7 | Kaolin substance with a Community workplace exposure limit | 2.5-10% |
| CAS: 8052-41-3 EINECS: 232-489-3 | Stoddard solvent (mineral spirits) Flam. Liq. 3, H226; STOT RE 1, H372; Asp. Tox. 1, H304 | 2.5-10% |
| CAS: 546-93-0 | Magnesite substance with a Community workplace exposure limit | 2.5-10% |
| CAS: 13463-67-7 EINECS: 236-675-5 | titanium dioxide substance with a Community workplace exposure limit | ≤1.0% |
| CAS: 1305-78-8 EINECS: 215-138-9 | calcium oxide Eye Dam. 1, H318 | ≤1.0% |
| CAS: 1333-86-4 EINECS: 215-609-9 | Carbon black Self-heat. 1, H251 | ≤0.03% |

· Additional information:

It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these ingredients as used in sealants, putties, bedding compounds and other non-sprayable products is highly unlikely. The concentrations listed in the composition section are percent by weight unless a gas. Gas concentrations are expressed in percent by volume.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **After inhalation:** Overexposure, remove to fresh air and seek medical attention.

· **After skin contact:**

Wipe excess from skin.

Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.

· **After swallowing:** Seek medical treatment.

· **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: Firefighting measures

· 5.1 Extinguishing media

· **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray.

· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

Trade name: Flexi Proof Water Block Mastic

(Contd. of page 2)

- **5.3 Advice for firefighters**
- **Protective equipment:** Protective clothing and respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13 on the MSDS.
Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Open and handle receptacle with care.
- **Information about fire - and explosion protection:**
Keep container closed when not in use.
Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Keep away from open flames and high temperatures.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data.
- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

1332-58-7 Kaolin

| | |
|-----|--------------------------------------|
| WEL | Long-term value: 2 mg/m ³ |
|-----|--------------------------------------|

546-93-0 Magnesite

| | |
|-----|---|
| WEL | Long-term value: 10* 4** mg/m ³ *inhalable dust **respirable dust |
|-----|---|

1305-78-8 calcium oxide

| | |
|-----|--------------------------------------|
| WEL | Long-term value: 2 mg/m ³ |
|-----|--------------------------------------|

13463-67-7 titanium dioxide

| | |
|-----|---|
| WEL | Long-term value: 10* 4** mg/m ³ *total inhalable **respirable |
|-----|---|

1333-86-4 Carbon black

| | |
|-----|---|
| WEL | Short-term value: 7 mg/m ³ Long-term value: 3.5 mg/m ³ |
|-----|---|

- **Additional information:** The lists valid during the making were used as basis.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

Trade name: **Flexi Proof Water Block Mastic**

(Contd. of page 3)

- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Store protective clothing separately.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

Protective gloves.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**

Safety glasses with side shields



Tightly sealed goggles

- **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

| | |
|-------------------------|------------------|
| Form: | Pasty |
| Colour: | Gray |
| Odour: | Hydrocarbon-like |
| Odour threshold: | Not determined. |

- **pH-value:** Not applicable.

- **Change in condition**

| | |
|--------------------------------------|---------------|
| Melting point/freezing point: | Undetermined. |
| Boiling point: | Undetermined. |

- **Flash point:** Not applicable.

(Contd. on page 5)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

Trade name: *Flexi Proof Water Block Mastic*

(Contd. of page 4)

| | |
|--|---|
| · Flammability (solid, gas): | Not determined. |
| · Ignition temperature: | 230 °C |
| · Decomposition temperature: | Not determined. |
| · Auto-ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Explosion limits: | |
| Lower: | 1.1 Vol % |
| Upper: | 6.0 Vol % |
| · Vapour pressure: | Not applicable. |
| · Specific Gravity at 20 °C: | 1.4 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not applicable. |
| · Solubility in / Miscibility with water: | Insoluble. |
| · Partition coefficient: n-octanol/water: | Not determined. |
| · Viscosity: | |
| Dynamic: | Not applicable. |
| Kinematic: | >20.5cSt |
| · Solvent content: | |
| Organic solvents: | 15 % |
| Solids content: | 85.0 % |
| · 9.2 Other information | VOC < 150 g/L |

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat, flames, sparks.
- **10.5 Incompatible materials:** Reacts with strong oxidising agents.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation**
May irritate the skin.
Causes skin irritation.
- **Serious eye damage/irritation**
May irritate the eye.
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

Trade name: *Flexi Proof Water Block Mastic*

(Contd. of page 5)

- **Additional toxicological information:**
Due to the form of this product, exposure to the potentially carcinogenic components is not expected.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
- **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.*
- **STOT-single exposure** *Based on available data, the classification criteria are not met.*
- **STOT-repeated exposure** *Based on available data, the classification criteria are not met.*
- **Aspiration hazard** *Based on available data, the classification criteria are not met.*

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** *No further relevant information available.*
- **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.*
- **Additional ecological information:**
- **General notes:** *Do not allow product to reach ground water, water course or sewage system.*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Small amounts can be disposed of with household waste after the product has cured or skinned over. Larger quantities should be disposed of according to state and local regulation.
- **Uncleaned packaging:**
- **Recommendation:** *Disposal must be made according to official regulations.*

SECTION 14: Transport information

- | | |
|--|------------------------|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | <i>Void</i> |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | <i>Void</i> |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | <i>Void</i> |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | <i>Void</i> |
| · 14.5 Environmental hazards: | <i>Not applicable.</i> |

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 26.01.2017

revision number 5

Revision: 10.07.2015

Trade name: **Flexi Proof Water Block Mastic**

(Contd. of page 6)

| | |
|--|--|
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | This product is not classified as a Division 4.1 Flammable Solids according to UN Test N.1 Test Method for Readily Combustible Solids. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** Not determined.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other 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.

- **Relevant phrases**
H226 Flammable liquid and vapour.
H251 Self-heating: may catch fire.
H304 May be fatal if swallowed and enters airways.
H318 Causes serious eye damage.
H372 Causes damage to organs through prolonged or repeated exposure.
- **Department issuing SDS:** Environment protection department.
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
Flam. Liq. 3: Flammable liquids – Category 3
Self-heat. 1: Self-heating substances and mixtures – Category 1
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Asp. Tox. 1: Aspiration hazard – Category 1