

# Safety Data Sheet - Great Britain (GB)

Astro Intu Mastic

UIC of product-type: INTUM

Revision 15 - 23rd February 2023



**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Product form** : Mixture**Product Name** : Astro Intu Mastic**Type of product** : Sealants**Product group** : Trade product**Product Code** : AFIM**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses****Main use category** : Professional use**Industrial/Professional use spec** : For professional use only**Use of substance/Mixture** : Adhesives, sealants**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet****Company Name** : Astroflame (Fireseals) LTD

Unit 8 , I.O Centre

Stephenson Road

Segensworth

Fareham

PO15 5RU

United Kingdom

**Tel Number** : (0) 44 1329 844500**Email** : sales@astroflame.com**1.4. Emergency telephone number****Tel Number** : (0) 44 1329 844500 Language: English - Office hours 8am to 5:30pm GMT

Call 999 For Emergency. Call 111 For Non-Emergency medical advice.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

**Labelling according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

**EUH-statements** : EUH205 - Contains epoxy constituents. May produce an allergic reaction.  
 EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one(2634-33-5), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.  
 EUH210 - Safety data sheet available on request.

### 2.3. Other hazards

Other hazards which do not result in classification : Dust formation.

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with UK REACH Annex XIII

## Section 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier   | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]   |
|---|--|---------|---|
| Calcium carbonate   | (CAS-No.) 471-34-1<br>(EC-No.) 207-439-9   | 30 – 50 | Not classified  |
| Aluminium Hydroxide   | (CAS-No.) 21645-51-2<br>(EC-No.) 244-492-7<br>(REACH-no) 01-2119529246-39                                | 10 – 30 | Not classified  |
| Titanium Dioxide  | (CAS-No.) 13463-67-7<br>(EC-No.) 236-675-5<br>(EC Index-No.) 022-006-00-2<br>(REACH-no) 01-2119489379-17 | < 1     | Carc. 2, H351   |
| 1,2-benzisothiazol-3(2H)-one;<br>1,2-benzisothiazolin-3-one                                   | (CAS-No.) 2634-33-5<br>(EC-No.) 220-120-9<br>(EC Index-No.) 613-088-00-6                                 | < 1     | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400 (M=1)   |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | (CAS-No.) 55965-84-9<br>(EC Index-No.) 613-167-00-5  | < 1     | Acute Tox. 2 (Inhalation), H330<br>Acute Tox. 2 (Dermal), H310<br>Acute Tox. 3 (Oral), H301<br>Skin Corr. 1C, H314<br>Eye Dam. 1, H318<br>Skin Sens. 1A, H317<br>Aquatic Acute 1, H400 (M=100)<br>Aquatic Chronic 1, H410 (M=100) |

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

| Specific concentration limits:  |  |  |
|---|--|--|
| Name  | Product identifier   | Specific concentration limits  |
| 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                                      | (CAS-No.) 2634-33-5<br>(EC-No.) 220-120-9<br>(EC Index-No.) 613-088-00-6 | ( 0.05 ≤C ≤ 100) Skin Sens. 1, H317  |
| reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | (CAS-No.) 55965-84-9<br>(EC Index-No.) 613-167-00-5                      | ( 0.0015 ≤C ≤ 100) Skin Sens. 1A, H317<br>( 0.06 ≤C < 0.6) Skin Irrit. 2, H315<br>( 0.06 ≤C < 0.6) Eye Irrit. 2, H319<br>( 0.6 ≤C ≤ 100) Skin Corr. 1C, H314<br>( 0.6 ≤C ≤ 100) Eye Dam. 1, H318 |

Comments : Titanium dioxide  
 Note 10 : The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

Full text of H- and EUH-statements: see section 16

## Section 4: First aid measures

### 4.1. Description of first aid measures

**First-aid measures after inhalation** : Remove person to fresh air and keep comfortable for breathing.  
**First-aid measures after skin contact** : Wash skin with plenty of water.  
**First-aid measures after eye contact** : Rinse eyes with water as a precaution.  
**First-aid measures after ingestion** : Call a poison center or a doctor if you feel unwell.

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

**Symptoms/effects** : Immediate effects can be expected after short term exposure.  
**Symptoms/effects after inhalation** : May cause minor irritation to the respiratory tract and to other mucous membranes.  
**Symptoms/effects after skin contact** : May cause slight irritation to the skin.  
**Symptoms/effects after eye contact** : May cause minor eye irritation.  
**Symptoms/effects after ingestion** : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

Treat symptomatically.

## Section 5: Fire-Fighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

**Hazardous decomposition products in case of fire** : Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Toxic fumes may be released.

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

### 5.3. Advice for fire - fighters

**Protection during firefighting** : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

**Emergency procedures** : Ventilate spillage area.

#### 6.1.2. For non-emergency personnel

**Protective equipment** : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/ personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and materials for containment and cleaning up

**Methods for cleaning up** : Ventilate spillage area. Shovel or sweep up and put in a closed container for disposal. Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Prevent the product from entering drains or confined areas.

**Other information** : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/ personal protection".

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Precautions for safe handling** : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid dust formation.

**Hygiene measures** : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions** : Store in a well-ventilated place. Keep cool.

**Incompatible products** : Strong acids.

### 7.3. Specific end use(s)

No additional information available

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

## Section 8: Control parameters/personal protection

### 8.1. Control parameters

#### Calcium carbonate (471-34-1)

##### United Kingdom - Occupational Exposure Limits

|                       |  |
|-----------------------|--|
| Local name            | Calcium carbonate (Limestone, Marble)                                  |
| WEL TWA (OEL TWA) [1] | 10 mg/m <sup>3</sup> total inhalable<br>4 mg/m <sup>3</sup> respirable |
| WEL STEL (OEL STEL)   | 4 mg/m <sup>3</sup>  |
| Regulatory reference  | EH40/2005 (Fourth edition, 2020). HSE                                  |

#### Aluminium Hydroxide (21645-51-2)

##### United Kingdom - Occupational Exposure Limits

|                       |  |
|-----------------------|--|
| WEL TWA (OEL TWA) [1] | 10 mg/m <sup>3</sup> total inhalable<br>4 mg/m <sup>3</sup> respirable |
|-----------------------|--|

#### Titanium Dioxide (13463-67-7)

##### United Kingdom - Occupational Exposure Limits

|                       |  |
|-----------------------|--|
| Local name            | Titanium dioxide   |
| WEL TWA (OEL TWA) [1] | 10 mg/m <sup>3</sup> total inhalable<br>4 mg/m <sup>3</sup> respirable |
| Regulatory reference  | EH40/2005 (Fourth edition, 2020). HSE                                  |

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protective equipment:

Dust formation: dust mask. Gloves.

#### Hand protection:

##### Protective gloves

| Type              | Material | Permeation | Thickness (mm) | Penetration | Standard   |
|-------------------|----------|------------|----------------|-------------|------------|
| Disposable gloves |          |            |                |             | EN ISO 374 |

#### Eye protection:

##### Safety glasses

| Type           | Field of application | Characteristics | Standard |
|----------------|----------------------|-----------------|----------|
| Safety glasses |                      |                 | EN 166   |

#### Skin and body protection:

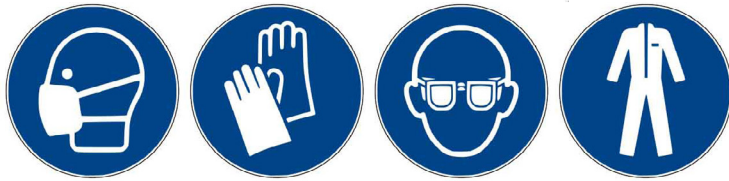
Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

**Personal protective equipment symbol(s):**



**Environmental exposure controls:**

Avoid release to the environment.

**9: Physical and chemical properties**

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

|  |   |
|--|---|
| <b>Physical state</b>                                  | : Liquid                                      |
| <b>Appearance</b>                                      | : Paste.                                      |
| <b>Colour</b>  | : white. Grey. Light grey. Black. red. brown. |
| <b>Odour</b>   | : acrylic-like.                               |
| <b>Odour threshold</b>                                 | : No data available                           |
| <b>pH</b>  | : 6.5 – 9                                     |
| <b>Relative evaporation rate (butylacetate=1)</b>      | : No data available                           |
| <b>Melting point</b>                                   | : Not applicable                              |
| <b>Freezing point</b>                                  | : No data available                           |
| <b>Boiling point</b>                                   | : No data available                           |
| <b>Flash point</b>                                     | : No data available                           |
| <b>Auto-ignition temperature</b>                       | : No data available                           |
| <b>Decomposition temperature</b>                       | : No data available                           |
| <b>Flammability</b>                                    | : Not applicable                              |
| <b>Vapour pressure</b>                                 | : No data available                           |
| <b>Relative vapour density at 20 °C</b>                | : No data available                           |
| <b>Relative density</b>                                | : No data available                           |
| <b>Density</b>   | : 1.56 – 1.66 g/cm <sup>3</sup>               |
| <b>Solubility</b>                                      | : No data available                           |
| <b>Partition coefficient n-octanol/water (Log Pow)</b> | : No data available                           |
| <b>Viscosity, kinematic</b>                            | : No data available                           |
| <b>Viscosity, dynamic</b>                              | : 300000 – 900000 cP                          |
| <b>Explosive properties</b>                            | : No data available                           |
| <b>Oxidising properties</b>                            | : No data available                           |
| <b>Explosive limits</b>                                | : No data available                           |

**9.2. Other information**

No additional information available

**Section 10: Stability and reactivity**

**10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

**10.2. Chemical Stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

None under recommended storage and handling conditions (see section 7).

**10.5. Incompatible materials**

Oxidizing agent. Strong acids.

**10.6. Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity (oral)** : Not classified  
**Acute toxicity (dermal)** : Not classified  
**Acute toxicity (inhalation)** : Not classified

**Calcium carbonate (471-34-1)**

|                              |   |
|------------------------------|---|
| <b>LD50 oral rat</b>         | > 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed Dose Procedure) |
| <b>LC50 Inhalation - Rat</b> | > 3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity)      |

**Aluminium Hydroxide (21645-51-2)**

|                              |                         |
|------------------------------|-------------------------|
| <b>LD50 oral rat</b>         | > 2000 mg/kg bodyweight |
| <b>LC50 Inhalation - Rat</b> | > 2.3 mg/l              |

**Titanium Dioxide (13463-67-7)**

|                              |  |
|------------------------------|--|
| <b>LD50 oral rat</b>         | > 5000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity) |
| <b>LC50 Inhalation - Rat</b> | > 6.8 mg/l/4h  |

**Skin corrosion/irritation** : Not classified  
pH: 6.5 – 9  
**Serious eye damage/irritation** : Not classified  
pH: 6.5 – 9  
**Respiratory or skin sensitisation** : Not classified  
**Germ cell mutagenicity** : Not classified  
**Carcinogenicity** : Not classified  
**Reproductive toxicity** : Not classified



According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

| Aluminium Hydroxide (21645-51-2) |                       |
|----------------------------------|-----------------------|
| NOAEL (animal/male, F0/P)        | 1000 mg/kg bodyweight |

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

| Calcium carbonate (471-34-1) |  |
|------------------------------|--|
| NOAEL (oral, rat, 90 days)   | 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |

Aspiration hazard : Not classified

## Section 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term: (acute) Not classified

Hazardous to the aquatic environment, short-term: (chronic) Not classified

Not rapidly degradable

| Calcium carbonate (471-34-1) |            |
|------------------------------|------------|
| LC50 - Fish [1]              | > 10000    |
| EC50 - Crustacea [1]         | > 1000     |
| EC50 72h - Algae [1]         | > 200 mg/l |

| Titanium Dioxide (13463-67-7)      |  |
|------------------------------------|--|
| LC50 - Fish [1]                    | > 1000 mg/l  |
| EC50 - Crustacea [1]               | > 1000 mg/l  |
| EC50 - Other aquatic organisms [1] | > 100 mg/l Test organisms (species):   |
| EC50 72h - Algae [1]               | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                     | 5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |
| NOEC (chronic)                     | ≥ 2.92 mg/l Test organisms (species): Daphnia magna Duration: '21 d'   |

### 12.2. Persistence and Degradability

No additional information available

### 12.3. Bioaccumulative potential

| Astro Intu Mastic         |                                 |
|---------------------------|---------------------------------|
| Bioaccumulative potential | Not potentially bioaccumulable. |

| Calcium carbonate (471-34-1)                    |     |
|---|-----|
| Partition coefficient n-octanol/water (Log Pow) | < 1 |

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

#### 12.4. Mobility in soil

##### Astro Intu Mastic

|                       |   |
|-----------------------|---|
| <b>Ecology - soil</b> | Product adsorbs onto the soil. Liquid product : Readily absorbed into soil. |
|-----------------------|---|

#### 12.5. Results of PBT and vPvB assessment

##### Astro Intu Mastic

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

#### 12.6. Endocrine disrupting properties

No additional information available

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

|                                     |   |   |
|-------------------------------------|---|---|
| <b>Regional legislation (waste)</b> | : | Disposal must be done according to official regulations.  |
| <b>Waste treatment methods</b>      | : | Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| <b>Additional information</b>       | : | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging contaminated by the product : Disposal must be done according to official regulations. Non-contaminated packages may be recycled. |

### Section 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number</b>                  |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.4. Packing group</b>              |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>      |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available  |                |                |                |                |

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

#### 14.6. Special precautions for user

**Overland transport**

Not applicable

**Transport by sea**

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 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. Relevant EU provisions transposed through retained EU law

**Contains no UK REACH substances with Annex XVII restrictions**

**Contains no substance on the UK REACH candidate list**

**Contains no UK REACH Annex XIV substances that are subject to authorisation:**

**Contains no substance subject to GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation**

**Contains no substance subject to Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)**

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

## Section 16: Other information

| Indication of changes: |  |          |   |
|------------------------|--|----------|---|
| 1.2                    | Additional information                 | Modified | Modification of use descriptor                                      |
| 2.2                    | EUH-statements                         | Added    | EUH205 Added  |
| 2.3                    | Additional information                 | Added    | Added information regarding dust formation                          |
| 3.2                    | Composition/information on ingredients | Added    | Added information regarding isothiazolinones and Titanium dioxide   |
| 4.2                    | Symptoms/effects after eye contact     | Modified |   |
| 4.2                    | Symptoms/effects after ingestion       | Modified |   |
| 4.2                    | Symptoms/effects after skin contact    | Modified |   |
| 5.2                    | Additional information                 | Added    | Added information regarding pyrolysis products                      |
| 6.3                    | Additional information                 | Added    | Added information regarding the disposal of solid spills            |
| 8.1                    | Additional information                 | Added    | Titanium Dioxide WELs added   |
| 8.2                    | Additional information                 | Added    | Added required EN standards for PPE                                 |
| 12.4                   | Mobility in soil                       | Modified | Added information regarding liquid product being absorbed into soil |
| 13.1                   | Additional information                 | Added    | EU LoW code and additional disposal information                     |

### Abbreviations and acronyms:

|                |   |
|----------------|---|
| <b>ADN</b>     | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |
| <b>ADR</b>     | European Agreement concerning the International Carriage of Dangerous Goods by Road               |
| <b>ATE</b>     | Acute Toxicity Estimate   |
| <b>BLV</b>     | Biological limit value  |
| <b>CAS-No.</b> | Chemical Abstract Service number  |
| <b>CLP</b>     | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |
| <b>DMEL</b>    | Derived Minimal Effect level  |
| <b>DNEL</b>    | Derived-No Effect Level   |
| <b>EC50</b>    | Median effective concentration  |
| <b>EC-No.</b>  | European Community number   |
| <b>EN</b>      | European Standard   |
| <b>IATA</b>    | International Air Transport Association   |
| <b>IMDG</b>    | International Maritime Dangerous Goods  |
| <b>LC50</b>    | Median lethal concentration   |
| <b>LD50</b>    | Median lethal dose  |
| <b>LOAEL</b>   | Lowest Observed Adverse Effect Level  |
| <b>NOAEC</b>   | No-Observed Adverse Effect Concentration  |
| <b>NOAEL</b>   | No-Observed Adverse Effect Level  |
| <b>NOEC</b>    | No-Observed Effect Concentration  |
| <b>OEL</b>     | Occupational Exposure Limit   |
| <b>PBT</b>     | Persistent Bioaccumulative Toxic  |
| <b>PNEC</b>    | Predicted No-Effect Concentration   |
| <b>REACH</b>   | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

|             |  |
|-------------|--|
| <b>RID</b>  | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| <b>SDS</b>  | Safety Data Sheet  |
| <b>vPvB</b> | Very Persistent and Very Bioaccumulative                                     |
| <b>WGK</b>  | Water Hazard Class   |

| <b>Full text of H- and EUH-statements:</b> |  |
|--|--|
| <b>Acute Tox. 2 (Dermal)</b>               | Acute toxicity (dermal), Category 2  |
| <b>Acute Tox. 2 (Inhalation)</b>           | Acute toxicity (inhal.), Category 2  |
| <b>Acute Tox. 3 (Oral)</b>                 | Acute toxicity (oral), Category 3  |
| <b>Acute Tox. 4 (Oral)</b>                 | Acute toxicity (oral), Category 4  |
| <b>Aquatic Acute 1</b>                     | Hazardous to the aquatic environment — Acute Hazard, Category 1  |
| <b>Aquatic Chronic 1</b>                   | Hazardous to the aquatic environment — Chronic Hazard, Category 1  |
| <b>Carc. 2</b>                             | Carcinogenicity, Category 2  |
| <b>EUH205</b>                              | Contains epoxy constituents. May produce an allergic reaction.   |
| <b>EUH208</b>                              | Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one(2634-33-5), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. |
| <b>EUH210</b>                              | Safety data sheet available on request.  |
| <b>Eye Dam. 1</b>                          | Serious eye damage/eye irritation, Category 1  |
| <b>Eye Irrit. 2</b>                        | Serious eye damage/eye irritation, Category 2  |
| <b>H301</b>                                | Toxic if swallowed.  |
| <b>H302</b>                                | Harmful if swallowed.  |
| <b>H310</b>                                | Fatal in contact with skin.  |
| <b>H314</b>                                | Causes severe skin burns and eye damage.   |
| <b>H315</b>                                | Causes skin irritation.  |
| <b>H317</b>                                | May cause an allergic skin reaction.   |
| <b>H318</b>                                | Causes serious eye damage.   |
| <b>H319</b>                                | Causes serious eye irritation.   |
| <b>H330</b>                                | Fatal if inhaled.  |
| <b>H351</b>                                | Suspected of causing cancer.   |
| <b>H400</b>                                | Very toxic to aquatic life.  |
| <b>H410</b>                                | Very toxic to aquatic life with long lasting effects.  |
| <b>Skin Corr. 1C</b>                       | Skin corrosion/irritation, Category 1, Sub-Category 1C   |
| <b>Skin Irrit. 2</b>                       | Skin corrosion/irritation, Category 2  |
| <b>Skin Sens. 1</b>                        | Skin sensitisation, Category 1   |
| <b>Skin Sens. 1A</b>                       | Skin sensitisation, category 1A  |

## Safety Data Sheet (SDS) CUSTOM 2020/878

As part of our policy of ongoing improvements, we reserve the right to modify, alter or change product specifications without giving notice. Product illustrations are representations only. All information contained in this document is provided for guidance only, and as ASTROFLAME (FIRE SEALS) LTD has no control over the specific application or installation methods of the products, or of the prevailing site conditions, no warranties expressed or implied are intended to be given as to the actual performance of the products mentioned or referred to, and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given of products mentioned or referred to herein.

The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product based on the products limitation of applications and that the product is fit for purpose for their intended use and no guarantee is given or implied since the conditions of actual use are beyond our control. ASTROFLAME (FIRE SEALS) LTD, disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice. If you are in any doubt as to the suitability of this product for your intended application please contact our technical team on 01329 844500 or email [sales@astroflame.com](mailto:sales@astroflame.com) and we will contact you.