

# Safety Data Sheet - Northern Ireland (NI)

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.

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

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.

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**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.

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

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

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## 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 EC-No.: 207-439-9	30 – 50	Not classified
Aluminium Hydroxide	CAS-No.: 21645-51-2 EC-No.: 244-492-7 REACH-no: 01-2119529246-39	10 – 30	Not classified
Titanium Dioxide	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2 REACH-no: 01-2119489379-17	< 1	Carc. 2, H351
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	< 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 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 EC Index-No.: 613-167-00-5	< 1	Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Dermal), H310 Acute Tox. 3 (Oral), H301 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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 EC-No.: 220-120-9 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 EC Index-No.: 613-167-00-5	( 0.0015 ≤C ≤ 100) Skin Sens. 1A, H317 ( 0.06 ≤C < 0.6) Skin Irrit. 2, H315 ( 0.06 ≤C < 0.6) Eye Irrit. 2, H319 ( 0.6 ≤C ≤ 100) Skin Corr. 1C, H314 ( 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 the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 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 the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## Section 8: Control parameters/personal protection

### 8.1. Control parameters

#### 8.1.1. National occupational exposure and biological limit values

##### 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 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 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 4 mg/m <sup>3</sup> respirable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.4. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Dust formation: dust mask. Gloves.

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



According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Eye protection:			
Type	Field of application	Characteristics	Standard
Safety glasses			EN 166

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

Hand protection:					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves					EN ISO 374

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### 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>Colour</b>	: white. Grey. Light grey. Black. red. brown.
<b>Appearance</b>	: Paste.
<b>Odour</b>	: acrylic-like.
<b>Odour threshold</b>	: Not available
<b>Melting point</b>	: Not applicable
<b>Freezing point</b>	: Not available
<b>Boiling point</b>	: Not available
<b>Flammability</b>	: Not applicable
<b>Explosive limits</b>	: Not available
<b>Lower explosion limit</b>	: Not available
<b>Upper explosion limit</b>	: Not available
<b>Flash point</b>	: Not available
<b>Auto-ignition temperature</b>	: Not available
<b>Decomposition temperature</b>	: Not available
<b>pH</b>	: 6.5 – 9
<b>Viscosity, kinematic</b>	: Not available
<b>Viscosity, dynamic</b>	: 300000 – 900000 cP
<b>Solubility</b>	: Not available
<b>Partition coefficient n-octanol/water (Log Kow)</b>	: Not available
<b>Vapour pressure</b>	: Not available
<b>Vapour pressure at 50 °C</b>	: Not available
<b>Density</b>	: 1.56 – 1.66 g/cm <sup>3</sup>
<b>Relative density</b>	: Not available
<b>Relative vapour density at 20 °C</b>	: Not available
<b>Particle characteristics</b>	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

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.

### 10.2. Chemical Stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.



According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

**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 hazard classes as defined in Regulation (EC) No 1272/2008**

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

Calcium carbonate (471-34-1)	
LD50 oral rat	> 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)
LC50 Inhalation - Rat	> 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)	
LD50 oral rat	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.3 mg/l

Titanium Dioxide (13463-67-7)	
LD50 oral rat	> 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)
LC50 Inhalation - Rat	> 6.8 mg/l/4h

**Skin corrosion/irritation** : Not classified  
pH: 6.5 – 9

Calcium carbonate (471-34-1)	
pH	8.5 – 9.5

Aluminium Hydroxide (21645-51-2)	
pH	9

Titanium Dioxide (13463-67-7)	
pH	6 – 8

**Serious eye damage/irritation** : Not classified  
pH: 6.5 – 9

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Calcium carbonate (471-34-1)	
pH	8.5 – 9.5

Aluminium Hydroxide (21645-51-2)	
pH	9

Titanium Dioxide (13463-67-7)	
pH	6 – 8

<b>Respiratory or skin sensitisation</b>	: Not classified
<b>Germ cell mutagenicity</b>	: Not classified
<b>Carcinogenicity</b>	: Not classified
<b>Reproductive toxicity</b>	: Not classified

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

<b>STOT-single exposure</b>	: Not classified
<b>STOT-repeated exposure</b>	: 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)
Viscosity, kinematic	Not applicable

Aluminium Hydroxide (21645-51-2)	
Viscosity, kinematic	Not applicable

**11.2. Information on other hazards**

<b>Adverse health effects caused by endocrine disrupting properties</b>	:	Based on available data, the classification criteria are not met
---	---	--

**11.2.2. Other information**

No additional information available

**Section 12: Ecological information**

**12.1. Toxicity**

<b>Ecology - general</b>	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
<b>Hazardous to the aquatic environment, short-term: (acute)</b>	:	Not classified
<b>Hazardous to the aquatic environment, short-term: (chronic)</b>	:	Not classified
<b>Not rapidly degradable</b>	:	

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<b>Calcium carbonate (471-34-1)</b>	
LC50 - Fish [1]	> 10000
EC50 - Crustacea [1]	> 1000
EC50 72h - Algae [1]	> 200 mg/l
<b>Titanium Dioxide (13463-67-7)</b>	
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
---	-----

### 12.4. Mobility in soil

#### Astro Intu Mastic

Ecology - soil	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

### 12.7. Other adverse effects

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 or ID 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				

### 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

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 14.7. Maritime transport in bulk according to IMO instruments

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

###### **REACH Annex XVII (Restriction List)**

Contains no REACH substances with Annex XVII restrictions

###### **REACH Annex XIV (Authorisation List)**

Contains no REACH Annex XIV substances

###### **REACH Candidate List (SVHC)**

Contains no substance on the REACH candidate list

###### **PIC Regulation (Prior Informed Consent)**

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

###### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

###### **Ozone Regulation (1005/2009)**

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

###### **Explosives Precursors Regulation (2019/1148)**

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

###### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

##### 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 the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## Section 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
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 the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

<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

The classification complies with : ATP 12  
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 and we will contact you.