

# Safety Data Sheet - Northern Ireland (NI)

## Astro Putty

Revision 9 - 30th March 2023



## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product form** : Mixture

**Product Name** : Astro Putty

**Type of product** : Adhesives, sealants

**Product group** : Trade product

**Product Code** : AFIP

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Main use category** : Professional use

**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.

### 2.2. Label elements

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

**EUH-statements** : EUH210 - Safety data sheet available on request.

### 2.3. Other hazards

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]
Ammonium Polyphosphate	CAS-No.: 68333-79-9 EC-No.: 269-789-9	1 – 10	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319

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** : Not expected to present a significant hazard under anticipated conditions of normal use.

**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** : Toxic fumes may be released. Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Gaseous ammonia.

**5.3. Advice for firefighters**

**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** : See section 8 of the SDS for more information on personal protective equipment.

**6.1.2. For emergency responders**

**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. Do not discharge into drains or rivers.

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

**For containment** : Using a clean shovel, put the material in a dry container and cover without compressing it.

**Methods for cleaning up** : Mechanically recover the product. Shovel or sweep up and put in a closed container for disposal.

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

**6.4. Reference to other sections**

See Section 7 for information on safe handling. For further information refer to section 8: "Exposure controls/personal protection".

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed** : To our knowledge, the product does not present any particular risk, under normal conditions of use.
- Precautions for safe handling** : Ensure good ventilation of the work station. Wear personal protective equipment.
- 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. Keep container closed when not in use.
- Incompatible products** : Strong bases.

### 7.3. Specific end use(s)

No additional information available

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

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

No additional information available

#### 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

#### 8.1.5. 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 symbol(s):**



**8.2.2.1. Eye and face protection**

**Eye protection:**

Safety glasses

**8.2.2.2. Skin protection**

**Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

**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>	: Solid
<b>Colour</b>	: White
<b>Odour</b>	: slight.
<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 applicable
<b>Lower explosion limit</b>	: Not applicable
<b>Upper explosion limit</b>	: Not applicable
<b>Flash point</b>	: Not applicable
<b>Auto-ignition temperature</b>	: Not applicable
<b>Decomposition temperature</b>	: > 180 °C
<b>pH</b>	: Not available
<b>pH solution</b>	: Not available
<b>Viscosity, kinematic</b>	: Not applicable
<b>Solubility</b>	: insoluble in water.
<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>	: ≈ 1.75 g/cm <sup>3</sup>
<b>Relative density</b>	: Not available
<b>Relative vapour density at 20 °C</b>	: Not applicable
<b>Particle size</b>	: Not available
<b>Particle size distribution</b>	: Not available
<b>Particle shape</b>	: Not available
<b>Particle aspect ratio</b>	: Not available
<b>Particle aggregation state</b>	: Not available
<b>Particle agglomeration state</b>	: Not available
<b>Particle specific surface area</b>	: Not available
<b>Particle dustiness</b>	: Not available

### 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.

**10.4. Conditions to avoid**

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

**10.5. Incompatible materials**

No additional information available

**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**

<b>Acute toxicity (oral)</b>	: Not classified
<b>Acute toxicity (dermal)</b>	: Not classified
<b>Acute toxicity (inhalation)</b>	: Not classified
<b>Skin corrosion/irritation</b>	: Not classified
<b>Serious eye damage/irritation</b>	: Not classified
<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
<b>STOT-single exposure</b>	: Not classified
<b>STOT-repeated exposure</b>	: Not classified
<b>Aspiration hazard</b>	: Not classified

**11.2. Information on other hazards**

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>	:	

### 12.2. Persistence and Degradability

#### Astro Putty

<b>Persistence and degradability</b>	Not readily biodegradable.
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### 12.3. Bioaccumulative potential

#### Astro Putty

<b>Bioaccumulative potential</b>	No bioaccumulation data available.
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### 12.4. Mobility in soil

#### Astro Putty

<b>Ecology - soil</b>	This product is not likely to move rapidly with surface or groundwater flows because of its low water solubility. This product is not likely to volatilise rapidly into the air because of its low vapour pressure.
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 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>Waste treatment methods</b>	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
<b>Product/Packaging disposal recommendations</b>	:	Untampered packaging may be taken for recycling.
<b>Additional information</b>	:	Disposal must be done according to official regulations.
<b>Ecology - waste materials</b>	:	Avoid release to the environment.

## 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

### 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

## Section 16: Other information

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

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
EUH210	Safety data sheet available on request.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

The classification complies with : ATP 12  
 Safety Data Sheet (SDS) CUSTOM 2020/878

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