

# Safety Data Sheet

## Astro PFP FR Putty Seal

Revision 1 - 7th February 2019



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

### 1.1 Product identifier

**Product Name** : Astro PFP FR Putty Seal

**Product Code** : AFPFPPP

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

**Identified uses** : Sealant

### 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

**Fax Number** : (0) 44 1329 844600

**Email** : sales@astroflame.com

### 1.4. Emergency telephone number

**Tel Number** : (0) 44 1329 844500 During office hours 08:00 - 17:30.  
Acute cases: Call 112, request poison information.

## Section 2: Classification of the substance or mixture

### 2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008.

### 2.2. Label elements

**Hazard pictogram** : Not applicable.  
**Signal word** : Not applicable.  
**Hazard statement** : Not applicable.

### 2.3. Other hazards

**Hazard pictogram** : Not indicated.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

The product contains no substances, nor concentration levels thereof, that require marking or that need to be declared.

## Section 4: First aid measures

### 4.1. Description of first aid measures

- Generally** : In case of concern, or if symptoms occur, call a doctor/physician.
- Upon breathing in** : In case of inhaling large amounts of smoke, fog or dust, flush nose, mouth and throat with water. If symptoms occur seek medical advice.
- Upon eye contact** : Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor/ophthalmologist.
- Upon skin contact** : LMH0110. Remove contaminated clothes.
- Upon ingestion** : Rinse nose, mouth and throat with water.

### 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

Symptomatic treatment.

## Section 5: Fire-Fighting measures

### 5.1. Extinguishing media

Extinguish with materials intended for the surrounding fire.

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

The product is not hazardous in the flammable sense.

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed. The product does not oxidise.

### 5.3. Advice for fire - fighters

In case of fire use a respirator mask

## Section 6: Accidental release measures

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

In case of spillage in protected water, call the emergency services immediately, tel. 112 (in Europe). Use suitable allergy-tested protective gloves when cleaning up. Do not inhale the product and avoid exposure to skin and eyes.

## 6.2. Environmental precautions

Avoid that larger spills reach drains, fields or waterways.

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

Carefully collect the material for combustion waste disposal, then wash the spillage area with water.

## 6.4. Reference to other sections

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

# Section 7: Handling and storage

## 7.1. Precautions for safe handling

Treat the substance as potentially harmful to health.  
Do not eat, drink or smoke in premises where this product is handled.

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

Store in a well-ventilated space.  
Store only in the original package.  
Do not store above normal room temperature.

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

Not relevant.

# Section 8: Control parameters/personal protection

## 8.1. Control parameters

### 8.1.1. National limit values

All ingredients (cf. Section 3) lack occupational exposure limit values.

### DNEL

No data available

### PNEC

No data available

## 8.2. Exposure controls

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation.

### 8.2.1. Appropriate engineering controls

Maintenance and service of personal protective equipment shall be included in the works plan for internal supervision. All inspections and remedial measures shall be documented.

- Skin protection** : Normal working-clothes of cotton or synthetic material should be adequate. Clothing contaminated with this product should be washed immediately; avoid contact with the skin.  
Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks.
- Respiratory protection** : Respiratory protection is not normally required.

### 8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

## 9: Information on basic physical and chemical properties

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

a) Appearance	:	Colour: red.
b) Odour	:	Not indicated
c) Odour threshold	:	Not indicated
d) pH	:	Not indicated
e) Melting point/freezing point	:	Not indicated
f) Initial boiling point and boiling range	:	Not indicated
g) Flash point	:	Not indicated
h) Evaporation rate	:	Not indicated
i) Flammability (solid, gas)	:	Not applicable
j) Upper/lower flammability or explosive limits	:	Not indicated
k) Vapour pressure	:	Not indicated
l) Vapour density	:	Not indicated
m) Relative density	:	Not indicated
n) Solubility	:	Not indicated
o) Partition coefficient: n-octanol/water	:	Not applicable
p) Auto-ignition temperature	:	Not indicated
q) Decomposition temperature	:	Not indicated
r) Viscosity	:	Not indicated
s) Explosive properties	:	Not applicable
t) Oxidising properties	:	Not applicable

### 9.2. Other information

No data available

## Section 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical Stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known.

### 10.4. Conditions to avoid

Not indicated.

### 10.5. Incompatible materials

Not indicated.

### 10.6. Hazardous Decomposition Products

None under normal conditions.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Not indicated.

<b>Acute toxicity</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Skin corrosion/irritation</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Serious eye damage/irritation</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Respiratory or skin sensitisation</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Germ cell mutagenicity</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Carcinogenicity</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Reproductive toxicity</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>STOT-single exposure</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>STOT-repeated exposure</b>	:	The criteria for classification cannot be considered fulfilled based on available data.
<b>Aspiration hazard</b>	:	The criteria for classification cannot be considered fulfilled based on available data.

## Section 12: Ecological information

### 12.1. Toxicity

No ecological damage is known or expected in the event of normal use.

### 12.2. Persistence and Degradability

The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

Neither this product, nor its contents, accumulates in nature.

### 12.4. Mobility in soil

The product is not soluble in water.

### 12.5. Results of PBT and vPvB assessment

No chemical safety report has been executed.

### 12.6. Other adverse effects

Data lacking.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste handling of the product** : The product is not classified as hazardous waste.  
This product is not usually recycled.  
Combustion is a suitable method for final disposal of this waste product.  
Also take local regulations for dealing with waste into account.

## Section 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

### 14.1. UN number

Not classified as dangerous goods

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

**14.8. Other transport information**

Not applicable

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not indicated.

**15.2. Chemical safety assessment**

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

**Section 16: Other information****16a. Indication of where changes have been made to the previous version of the safety data sheet****Revisions of this document**

Earlier versions

2015-06-30 Revisions of this document has, where not other wise stated, been caused by changes in the regulations

**16b. Legend to abbreviations and acronyms used in the safety data sheet****Explanations of the abbreviations in Section 14**

- ADR European Agreement concerning the International Transport of Dangerous Goods by Road
- RID Regulations concerning the International Transport of Dangerous Goods by Rail
- IMDG International Maritime Dangerous Goods Code
- ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
- IATA The International Air Transport Association



### 16c. Key literature references and sources for data

#### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I , as updated to 2017-05-18.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

#### Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 Annex II (2015/830)	COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
1272/2008	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
89/391	COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work
1907/2006	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

### 16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I , where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

### 16e. List of relevant hazard statements and/or precautionary statements

### 16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

#### Warning for misuse

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

#### Other relevant information