

# Safety Data Sheet

## Astro HBP Primer

Revision 2 - 20th January 2020



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

### 1.1. Product identifier

**Product name** : Astro HBP Primer  
**Product code** : AFFPTHBP

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

**Use of substance / mixture** : An Air Drying, Liquid, Solvent-borne Anti-Corrosive Primer for consumer, Professional and Industrial use, For use as a general metal primer apply by brush, roller or spray

### 1.3. Details of the supplier of the safety data sheet

**Company name** : Astroflame (Fire Seals) Ltd.  
Intumescent House  
Unit 8  
The Io Centre  
Stephenson Road  
Segensworth  
Fareham  
England  
PO15 5RU  
**Tel** : 01329 844 500  
**Fax** : 01329 844 600  
**Email** : sales@astroflame.com

### 1.4. Emergency telephone number

**Emergency tel** : 01329 844 500 (office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CHIP** : -: R10; -: R52/53; Xn: R65; -: R66

### 2.2. Label elements

**Label elements under CHIP** :  
**Hazard symbols** : Symbol not required.  
**Risk phrases** : R10: Flammable.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
**Safety phrases** : S2: Keep out of the reach of children.  
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
S7/9: Keep container tightly closed and in a well-ventilated place.  
S24/25: Avoid contact with skin and eyes.  
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

## 2.2. Label elements (continued)

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
 S38: In case of insufficient ventilation, wear suitable respiratory equipment.  
 S57: Use appropriate container to avoid environmental contamination.  
 S60: This material and its container must be disposed of as hazardous waste.  
 S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Precautionary phrases** : Contains 2-butanone oxime. May produce an allergic reaction.

## 2.3. Other hazards

**Other hazards** : In use, may form flammable / explosive vapour-air mixture.  
**PBT** : This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-150-3	64742-48-9	Xn: R65; -: R10; -: R66	Asp. Tox. 1: H304; Flam. Liq. 3: H226	30-50%

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203-892-1	111-65-9	F: R11; Xn: R65; Xi: R38; -: R67; N: R50/53	Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	<1%
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**Contains:** The hydrocarbon solvents used in this product contain less than 0.1%(w/w) of BENZENE

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact** : Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Do NOT use solvent or thinners

**Eye contact** : Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion** : If accidentally swallowed obtain immediate medical attention Keep at rest Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position.

**Inhalation** : Consult a doctor. Remove to fresh air Remove casualty from exposure ensuring one's own safety whilst doing so. Keep the patient warm and at rest Give nothing by mouth

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

<b>Skin contact</b>	:	There may be mild irritation at the site of contact. repeated exposure may cause skin dryness and/or cracking
<b>Eye contact</b>	:	There may be irritation and redness.
<b>Ingestion</b>	:	There may be irritation of the throat.
<b>Inhalation</b>	:	No data available.
<b>Delayed / immediate effects</b>	:	Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse health effects Repeated or prolonged contact with the product may cause removal of natural oils and fats from the skin

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

**Immediate / special treatment** : In all cases of doubt, or when symptoms persist seek medical attention.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media** : Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards** : Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

#### 5.3. Advice for fire-fighters

**Advice for fire-fighters** : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. cool closed containers exposed to fire with water Do not allow run off to enter watercourses or drains

### Section 6: Accidental release measures

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

**Personal precautions** : Refer to section 8 of SDS for personal protection details. Ventilate the area. Avoid breathing any vapours Eliminate all sources of ignition. Put on protective equipment Exclude all non essential personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

#### 6.2. Environmental precautions

**Environmental precautions** : Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures** : Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

#### 6.4. Reference to other sections

Reference to other sections : Refer to section 8 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements** : Ensure there is sufficient ventilation of the area. Smoking ,eating and drinking should be prohibited in mixing and application area Avoid skin and eye contact Use non-sparking tools. Avoid the formation or spread of mists in the air. In case of insufficient ventilation wear suitable respiratory protection

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

**Storage conditions** : Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging** : Must only be kept in original packaging.

#### 7.3. Specific end use(s)

**Specific end use(s)** : the identified uses of this product are detailed in section 1

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Workplace exposure limits:

##### Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	326	-	-	-

#### 8.2. Exposure controls

**Engineering measures** : Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection** : in case of insufficient ventilation suitable respiratory equipment should be used Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit If spraying respiratory protection will be required

**Hand protection** : Protective gloves.

**Eye protection** : Safety glasses. Ensure eye bath is to hand.

**Skin protection** : Protective clothing.

## Section 9: Physical and chemical properties

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

State	:	Liquid
Colour	:	Grey
Odour	:	naphthenic
Solubility in water	:	Not miscible
Viscosity	:	Viscous
Kinematic viscosity	:	5-6
Viscosity test method	:	poise@20oC
Boiling point/range°C	:	>145
Flash point°C	:	23 - 55
Vapour pressure	:	0.21
VOC g/l	:	390
Flammability limits %: lower	:	0.6
Autoflammability°C:	:	240
Relative density	:	1.3-1.4

### 9.2. Other information

Other information	:	Not applicable.
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## Section 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	:	Stable under recommended transport or storage conditions.
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### 10.2. Chemical stability

Chemical stability	:	Stable under normal conditions. Stable at room temperature.
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### 10.3. Possibility of hazardous reactions

Hazardous reactions	:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
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### 10.4. Conditions to avoid

Conditions to avoid	:	Heat. Hot surfaces. Sources of ignition. Flames.
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### 10.5. Incompatible materials

Materials to avoid	:	Strong oxidising agents. Strong acids.
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### 10.6. Incompatible materials

Haz. decomp. products	:	In combustion emits toxic fumes.
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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicity values** : Not applicable.

### Symptoms / routes of exposure

**Skin contact** : There may be mild irritation at the site of contact. repeated exposure may cause skin dryness and/or cracking

**Eye contact** : There may be irritation and redness.

**Ingestion** : There may be irritation of the throat.

**Inhalation** : No data available.

**Delayed / immediate effects** : Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse health effects  
Repeated or prolonged contact with the product may cause removal of natural oils and fats from the skin

**Other information** : In all cases of doubt or where symptoms persist obtain medical attention Repeated or Prolonged contact with the product may lead to the removal of natural fats from the skin, resulting non allergic contact dermatitis and absorption through the skin.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values** : No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** : No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** : No data available.

### 12.4. Mobility in soil

**Mobility** : No data available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification** : This substance is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects** : No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Disposal operations</b>	:	Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of waste and residues according to local authority requirements
<b>Waste code number</b>	:	08 01 12
<b>Disposal of packaging</b>	:	Empty containers are controlled wastes and should be disposed of according with the regulations made under the Control of Pollution Act and Environmental Protection Act
<b>NB</b>	:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

<b>Transport class</b>	:	This product does not require a classification for transport.
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### 14.1. UN number

<b>UN number</b>	:	UN1263
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### 14.2. UN proper shipping name

<b>Shipping name</b>	:	PAINT
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### 14.3. Transport hazard class(es)

<b>Transport class</b>	:	3
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### 14.4. Packing group

<b>Packing group</b>	:	III
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### 14.5. Environmental hazards

<b>Environmentally hazardous</b>	:	No	<b>Marine pollutant</b>	:	No
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### 14.6. Special precautions for user

<b>Special precautions</b>	:	Always transport in closed containers that are upright and secure Ensure that persons transporting the product know what to do in the event of an accident or spillage In pack sizes less than 450 litres, under the terms of 2.2.3.1.5, this product is not subject to the provisions of ADR
<b>Tunnel code</b>	:	D/E
<b>Transport category</b>	:	3

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Specific regulations</b>	:	This product is subject to classification under the VOC Product Regulations SI 2006 No 2773 The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to this product
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## 15.2. Chemical Safety Assessment

**Chemical safety assessment** : A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information** : This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.  
 \* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3** : H225: Highly flammable liquid and vapour.  
 H226: Flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H315: Causes skin irritation.  
 H336: May cause drowsiness or dizziness.  
 H340: May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
 H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
 H410: Very toxic to aquatic life with long lasting effects.  
 R10: Flammable.  
 R11: Highly flammable.  
 R38: Irritating to skin.  
 R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R65: Harmful: may cause lung damage if swallowed.  
 R66: Repeated exposure may cause skin dryness or cracking.  
 R67: Vapours may cause drowsiness and dizziness.

**Legal disclaimer** : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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