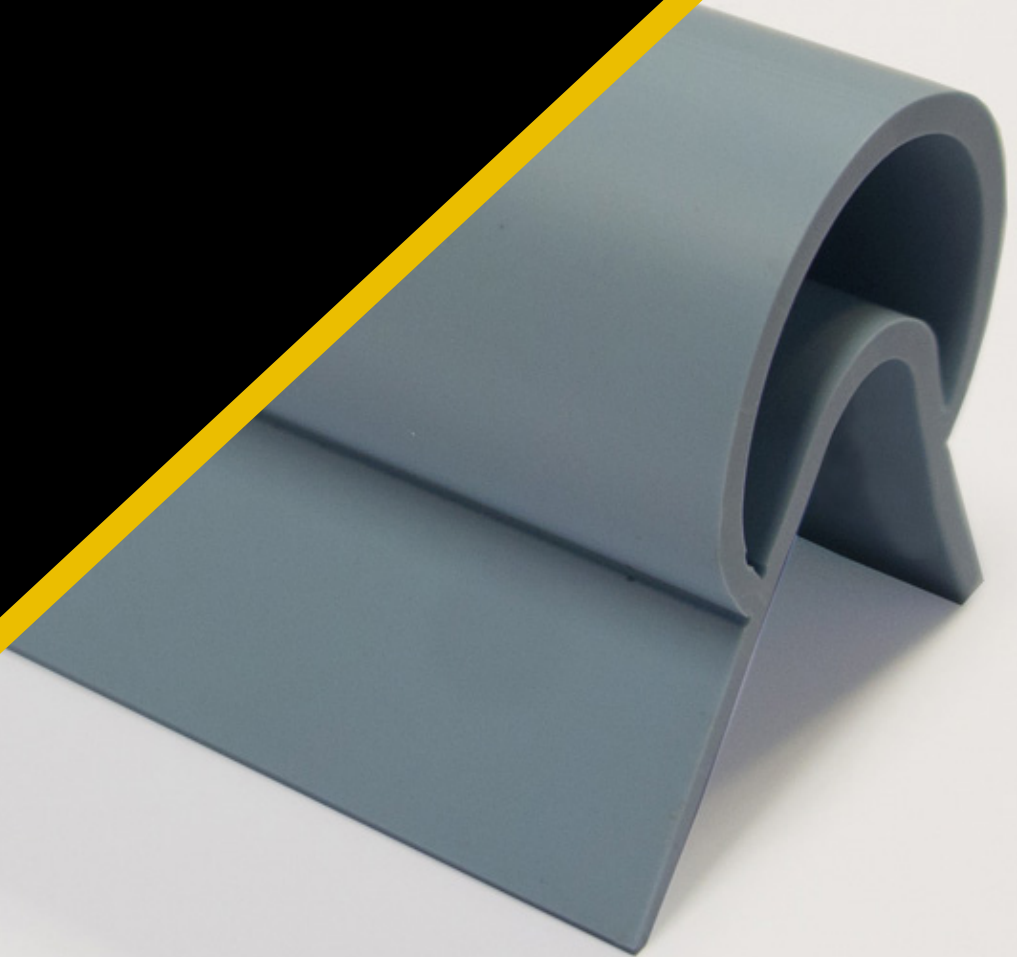


# Safety Data Sheet

## Corner Guard Wall Protection

Revision 1 - March 2018



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

### 1.1. Product identifier

<b>Product name:</b>	Corner Guard Wall Protection
<b>Product code:</b>	AFCGWPBLK, AFCGWPBLU, AFCGWPCL, AFCGWPR, AFCGWPW, AFCGWPY
<b>Product colour:</b>	All Colours

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

<b>Use of substance / mixture:</b>	Relevant identified uses of the substance or mixture and uses advised against Recommended Use: Polyvinil chloride based compound for production of cables, profiles and injection moulding items.
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### 1.3. Details of the supplier of the safety data sheet

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

### 1.4. Emergency telephone number

<b>Emergency tel:</b>	01329 844 500 (office hours only)
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## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

<b>EC regulation criteria 1272/2008 (CLP):</b>	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
<b>Adverse physicochemical, human health and environmental effects:</b>	No other hazards

### 2.2. Label elements

<b>Label elements:</b>	This product being a mixture containing polymers and elastomers is not subject to labeling, as reported in paragraph 1.3.4.1. of Annex I of Regulation (EC) no. 1272/2008 (CLP). "Metals in bulk form, alloys, mixtures containing polymers and those containing elastomers, even if classified as hazardous according to the criteria of this annex, do not require a label. The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
<b>Hazard pictograms:</b>	None
<b>Hazard statements:</b>	None
<b>Precautionary statements:</b>	None

## 2.2. Label elements (continued)

<b>Special Provisions:</b>	EUH210 Safety data sheet available on request.
<b>Contains:</b>	2-(2H-benzotriazol-2-il)-p-cresolo (CAS 2440-22-4): May produce an allergic reaction.
<b>Special provisions according to Annex XVII of REACH and subsequent amendments:</b>	None

## 2.3. Other hazards

<b>vPvB Substances:</b>	None
<b>PBT Substances:</b>	None
<b>Other Hazards:</b>	No other hazards



## Section 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 0.1%	2-(2H-benzotriazol-2-il)-	CAS: 2440-22-4	 3.4.2/1-1 A-1B Skin Sens. 1,1A, 1B H317
- < 0.25%	p-cresolo (CAS 2440-22-4)	EC: 219-470-5	 4.1/C1 Aquatic Chronic 1 H410

## Section 4: First aid measures

### 4.1. Description of first aid measures

<b>In case of skin contact:</b>	Wash with plenty of water and soap.
<b>In case of eyes contact:</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>In case of Ingestion:</b>	Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
<b>In case of Inhalation:</b>	Remove casualty to fresh air and keep warm and at rest.

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

None

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

<b>Treatment:</b>	None
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## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media:</b>	Water. Carbon dioxide (CO <sub>2</sub> ).
<b>Extinguishing media which must not be used for safety reasons:</b>	None in particular.

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

<b>Exposure hazards:</b>	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
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### 5.3. Advice for fire-fighters

<b>Advice for fire-fighters:</b>	Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.
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## Section 6: Accidental release measures

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

<b>Personal precautions:</b>	Wear personal protection equipment. Remove persons to safety. See protective measures under point 7 and 8.
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### 6.2. Environmental precautions

<b>Environmental precautions:</b>	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand
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### 6.3. Methods and material for containment and cleaning up

<b>Clean-up procedures:</b>	Wash with plenty of water.
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### 6.4. Reference to other sections

<b>Reference to other sections:</b>	Refer to section 8 of SDS. Refer to section 13 of SDS.
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## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid contact with skin and eyes, inhalation of vapours and mists.  
Do not eat or drink while working.  
See also section 8 for recommended protective equipment.

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

**Storage conditions:** Keep away from food, drink and feed.  
**Incompatible materials:**  
None in particular.  
**Instructions as regards storage premises:**  
Adequately ventilated premises.

### 7.3. Specific end use(s)

**Specific end use(s):** None in particular

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Control parameters:** 2-(2H-benzotriazol-2-yl)-p-cresol (CAS 2440-22-4) - CAS: 2440-22-4  
TLV TWA - 1 mg/m<sup>3</sup>  
**DNEL Exposure Limit Values:** Not applicable  
**PNEC Exposure Limit Values:** Not applicable

### 8.2. Exposure controls

**Eye protection:** Not needed for normal use. Anyway, operate according good working practices.  
**Protection for skin:** No special precaution must be adopted for normal use.  
**Protection for hands:** Not needed for normal use.  
**Respiratory protection:** Not needed for normal use.  
**Thermal Hazards:** None  
**Environmental exposure controls:** None  
**Appropriate engineering controls:** None

## Section 9: Physical and chemical properties

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

<b>Appearance and colour:</b>	Cilyndrical granuls diameter 3÷6 mm
<b>Odour:</b>	Week or none
<b>Odour threshold:</b>	N.R.
<b>pH:</b>	N.A.
<b>Melting point / freezing point:</b>	90°÷200°C
<b>Initial boiling point and boiling range:</b>	N.A.
<b>Solid/gas flammability:</b>	Above 300°C decomposition with possible emission of fumes
<b>Upper/lower flammability or explosive limits:</b>	N.A.
<b>Vapour density:</b>	N.A.
<b>Flash point:</b>	300°C
<b>Evaporation rate:</b>	N.A.
<b>Vapour pressure:</b>	N.A.
<b>Density:</b>	1,0÷1,5 gr/cc
<b>Solubility in water:</b>	Insoluble
<b>Solubility in oil:</b>	N.D.
<b>Partition coefficient (n-octanol/water):</b>	N.A.
<b>Auto-ignition temperature:</b>	350°C
<b>Decomposition temperature:</b>	> 200°C
<b>Viscosity:</b>	N.R.
<b>Explosive properties:</b>	N.A.
<b>Oxidizing properties:</b>	N.A.

### 9.2. Other information

<b>Miscibility:</b>	N.A.
<b>Fat Solubility:</b>	N.D.
<b>Conductivity:</b>	N.D.
<b>Substance Groups relevant properties</b>	N.A.

\* legend section 9:

- NA: The data or feature does not apply to the specific product
- ND: The data or feature, although important to characterize the product, is not available.
- NR: the data or characteristic is not important in evaluating the hazardous characteristic of the substance or preparation.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under normal conditions

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** None

### 10.4. Conditions to avoid

**Conditions to avoid:** Stable under normal conditions.

### 10.5. Incompatible materials

**Materials to avoid:** None in particular.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** When exposed to combustion or thermal or oxidative degradation, develops a complex mixture of airborne solids and gases, including hydrochloric acid, carbon monoxide, carbon dioxide, ammonia and other organic compounds

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological information of the product:** Not applicable

**Toxicological information of the main substances found in the product:** Not applicable

**If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:**

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

## Section 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Not applicable

### 12.2. Persistence and degradability

Persistence and degradability: None / Not applicable

### 12.3. Bioaccumulative potential

Bioaccumulative potential: Not applicable

### 12.4. Mobility in soil

Mobility: Not applicable

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

None - PBT Substances: None

### 12.6. Other adverse effects

Other adverse effects: None

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods: Recover if possible. In so doing, comply with the local and national regulations currently in force.

## Section 14: Transport information

### 14.1. UN number

UN number: Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

UN number: Not applicable

### 14.3. Transport hazard class(es)

Transport hazard class(es): Not applicable

### 14.4. Packing group

Packing group: Not applicable

### 14.5. Environmental hazards

Environmental hazards: Not applicable

### 14.6. Special precautions for user

Special precautions for user: Not applicable

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

<b>Specific regulations:</b>	<p>Dir. 98/24/EC (Risks related to chemical agents at work)</p> <p>Dir. 2000/39/EC (Occupational exposure limit values)</p> <p>Regulation (EC) n. 1907/2006 (REACH)</p> <p>Regulation (EC) n. 1272/2008 (CLP)</p> <p>Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013</p> <p>Regulation (EU) 2015/830</p> <p>Regulation (EU) n. 286/2011 (ATP 2 CLP)</p> <p>Regulation (EU) n. 618/2012 (ATP 3 CLP)</p> <p>Regulation (EU) n. 487/2013 (ATP 4 CLP)</p> <p>Regulation (EU) n. 944/2013 (ATP 5 CLP)</p> <p>Regulation (EU) n. 605/2014 (ATP 6 CLP)</p> <p>Regulation (EU) n. 2015/1221 (ATP 7 CLP)</p> <p>Regulation (EU) n. 2016/918 (ATP 8 CLP)</p> <p>Regulation (EU) n. 2016/1179 (ATP 9 CLP)</p> <p>Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications</p>
<b>Restrictions related to the product:</b>	No restriction
<b>Restrictions related to the substances contained:</b>	Restriction 52
<b>Where applicable, refer to the following regulatory provisions:</b>	<p>Directive 2012/18/EU (Seveso III)</p> <p>Regulation (EC) nr 648/2004 (detergents).</p> <p>Dir. 2004/42/EC (VOC directive)</p>
<b>Provisions related to directive EU 2012/18 (Seveso III):</b>	Not applicable

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** No Chemical Safety Assessment has been carried out for the mixture.

## Section 16: Other information

### Other information

**Text of phrases referred to under heading 3:** H317 May cause an allergic skin reaction.  
H410 Very toxic to aquatic life with long lasting effects.

Hazard class and hazard category	Code	Description
Skin Sens. 1,1A,1B	3.4.2/1-1 A-1B	Skin Sensitisation, Category 1,1A,1B
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1

**This document was prepared by a competent person who has received appropriate training. Main bibliographic sources:**

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.

**ADR:** European Agreement concerning the International Carriage of Dangerous Goods by Road.

**CAS:** Chemical Abstracts Service (division of the American Chemical Society).

**CLP:** Classification, Labeling, Packaging.

**DNEL:** Derived No Effect Level.

**EINECS:** European Inventory of Existing Commercial Chemical Substances.

**GefStoffVO:** Ordinance on Hazardous Substances, Germany.

**GHS:** Globally Harmonized System of Classification and Labeling of Chemicals.

**IATA:** International Air Transport Association.

**IATA-DGR:** Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

**ICAO:** International Civil Aviation Organization.

**ICAO-TI:** Technical Instructions by the "International Civil Aviation Organization" (ICAO).

**IMDG:** International Maritime Code for Dangerous Goods.

**INCI:** International Nomenclature of Cosmetic Ingredients.

**KSt:** Explosion coefficient.

**LC50:** Lethal concentration, for 50 percent of test population.

**LD50:** Lethal dose, for 50 percent of test population.

**PNEC:** Predicted No Effect Concentration.

**RID:** Regulation Concerning the International Transport of Dangerous Goods by Rail.

**STEL:** Short Term Exposure limit.

**STOT:** Specific Target Organ Toxicity.

**TLV:** Threshold Limiting Value.

**TWA:** Time-weighted average

**WGK:** German Water Hazard Class.