

Safety Data Sheet

Astro HS Compound

Revision 1 - 13th April 2021



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

1.1. Product identifier

Product name: Astro HS Compound
Product code: AFHSC

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

Main applications: non exhaustive list, Passive Fire-Stopping Mortar, Infill for service penetrations

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 CLP: Classification according to Regulation (EC) No 1272/2008 [CLP] Not Classified

2.2. Label elements

Label elements: Labelling according to Regulation (EC) No 1272/2008 [CLP]

2.3. Other hazards

PBT: To our knowledge this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

Section 3: Composition/information on ingredients

3.1. Main constituents

Name	Amount	CAS No	EINECS
Calcium Sulphate	>80%	7778-18-9	231-900-3
Limestone	<21%	471-31-1	215-279-6

3.2. Impurities

Impurities	Contains <1% Organic substances
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Section 4: First aid measures

4.1. Description of first aid measures

Eye Contact:	P305, P338, P351 Rinse with copious quantities of water and seek medical attention if irritation persists.
Inhalation:	P304 : P340 Move exposed person to fresh air immediately and seek medical advice if required.
Ingestion:	P301, P330, P331 Rinse out mouth, do not induce vomiting.
Skin Contact:	P264, P280 Wash skin thoroughly with soap and water

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

No acute and delayed symptoms and effects are observed

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

No specific actions are required.

Section 5: Fire-Fighting measures

5.1. Extinguishing media

No specific extinguishing media is needed

5.2. Special hazards arising from the substance or mixture

Non combustible. No hazardous thermal decomposition

5.3. Advice for fire - fighters

No specific fire fighting protection is required

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

6.2. Environmental precautions

No special requirements.

6.3. Methods and materials for containment and cleaning up

Avoid dry sweeping and use vacuum cleaning systems where possible.

6.4. Reference to other sections

See sections 8 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Provide good ventilation in process area to prevent dust formation. Wear suitable PPE. Wash hands and other exposed areas with soap and water before eating. Do not eat or drink in work areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep packaging closed when not in use. Protect from moisture

7.3. Specific end use(s)

No additional information available.

Section 8: Control parameters/personal protection

8.1. Control parameters

United Kingdom WEL TWA (mg/m³) 10 mg/m³

8.2. Exposure controls

Ensure good ventilation of the work area

8.2.1. Individual protection measures such as personal protective equipment

Eye protection:	Safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate standards.
Skin protection:	No specific requirement. For hands see below.
Hand protection:	Appropriate protection (e.g. gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.
Respiratory protection:	In case of prolonged exposure to airborne dust concentrations, wear dust mask Type P2 or above.

9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Solid, Off white powder
Odour:	Odourless
Odour threshold:	Not relevant
pH:	Neutral
Melting point:	>1000°C

9.2. Other information

Other information:	No data available
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Section 10: Stability and reactivity

10.1. Reactivity

Inert, not reactive

10.2. Chemical Stability

Chemically stable

10.3. Possibility of hazardous reactions

No hazardous reactions

10.4. Conditions to avoid

Not relevant

10.5. Incompatible materials

No particular incompatibility

10.6. Hazardous Decomposition Products

Not relevant

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	No evidence of acute toxicity
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	May cause mechanical irritation
Respiratory or skin sensation:	No evidence
Germ cell mutagenicity:	No evidence
Carcinogenicity:	No classification
Reproductive toxicity:	No evidence
Aspiration hazard:	Based on available data, the classification criteria are not met

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not established

12.2. Persistence and Degradability

Persistence and degradability: Not established

12.3. Bioaccumulative potential

Bioaccumulative potential: Not established

12.4. Mobility in soil

Mobility in soil: Not established

12.5. Results of PBT and vPvB assessment

PBT identification: Not established

12.6. Other adverse effects

Other adverse effects: No specific adverse effects known

Section 13: Disposal considerations

13.1. Waste treatment methods

Product: Where possible, recycling is preferable to disposal. Disposal should be carried out in compliance with local regulations.

Packaging: Disposal of packaging should be carried out in compliance with local regulations by an authorized waste management company.

Section 14: Transport information (14.1 - 14.7)

14.1	UN number	Not relevant
14.2	UN proper shipping name	7778-18-9
14.3	Transport hazard classes	471-31-1
	ADR	Not classified
	IMDG	Not classified
	ICAO/IATA	Not classified
	RID	Not classified
14.4	Packing group	Not applicable
14.5	Environmental hazards	Not relevant
14.6	Special precautions for user	No special precautions
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not relevant

Section 15: Regulatory information

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

EU-Regulations

Contains no REACH substances with Annex XVII restriction's

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out by the supplier

Section 16: Other information

Other information

Data Sources:

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EC, and amending Regulation (EC) No 1907/2006

Other Information:

None

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