

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY/UNDERTAKING

Product name: Astro FR Silicone

Product Code: AFFRSW

Use/description of product: Astro FR Sealant is a one part silicone sealant used for fire protection sealing of curtain walling, building facades, expansion joints, doorframes and block-work walls, etc.

Company name: Astroflame (Fire Seals) Ltd. Intumescent House
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Contains: Silicone sealant containing silicone polymers, silicone cross linkers and fire retardant fillers

Hazardous components: Methyl Triethoxysilane 1-10%
CAS: 1185-55-3 [F] R11; [Xi] R36/38

3. HAZARD IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** There may be irritation or redness
- Ingestion:** There may be irritation to the throat.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

5. FIRST AID MEASURES (ACTION)

- Skin contact:** Wash with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Seek medical attention.
- Ingestion:** Wash out mouth with water and do not induce vomiting. Seek medical attention if feeling unwell.
- Inhalation:** Consult a doctor

6. FIRE-FIGHTING MEASURES

- Extinguishing media:** Standard fire fighting media.
- Hazardous Decomposition:** Oxides of carbon
- Special Exposure Hazards:** Use self contained breathing apparatus.

7. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Ventilate area. Wear suitable protective clothing.
- Environmental precautions:** Do not discharge into drains or rivers. Dispose of in accordance with local authority requirements.
- Clean-up procedures:** Absorb in an inert material to avoid slip hazard

8. HANDLING AND STORAGE

- Handling requirements:** Wear suitable projective clothing. Avoid inhalation of vapour.
- Storage conditions:** Store in a cool, dry, well ventilated area off the ground.
- Suitable packaging:** Store in original containers.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure limit values:** None available
- Respiratory protection:** Only use in well ventilated areas.
- Hand protection:** Wear suitable gloves.
- Eye protection:** Wear eye protection.
- Skin protection:** Protective clothing.

10. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Paste
- Colour:** Various
- Odour:** Barely perceptible odour
- Solubility in water:** Insoluble
- Relative density:** 1.3-1.4
- pH:** N/A
- Viscosity:** Highly viscous
- Oxidising:** Non-oxidising (by EC criteria)
- Flash point°C:** >100

11. STABILITY AND REACTIVITY

Stability:	Stable at normal temperatures
Conditions to avoid:	Heat, Moist air, Humidity, Direct Sunlight
Materials to avoid:	Strong oxidising agents, Strong acids, Water
Haz. Decomp. Products:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide

12. TOXICOLOGICAL INFORMATION

Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.
Acute toxicity:	None Known

13. ECOLOGICAL INFORMATION

Persistence and degradability:	No data available
Bio-accumulative potential:	No data available
Other adverse effects:	No data available

14. DISPOSAL CONSIDERATIONS

Disposal operations:	No special disposal necessary. Dispose of in accordance with local authority requirements. Do not discharge into drains or water ways
Disposal of packaging:	Dispose of as normal industrial waste according to local or national legislation.

15. TRANSPORT

Transport hazards: No regulations apply for the transport of this material. Not classified as hazardous for road, rail, sea or air transport.

ADR/RID

UN no:-

Shipping name: "NOT SUBJECT TO ADR"

IMDG/IMO

UN no:- -

IATA/ICAO

UN no:- -

16. REGULATORY INFORMATION

Hazard symbols: No significant hazard

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

17. ADDITIONAL INFORMATION

Risk phrases used in s.2: R11: Highly flammable
R36/38: Irritating to eyes and skin

Legal disclaimer: The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the data of its publication.
The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification.
The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the next.