

SAFETY DATA SHEET

A.W.F. FLEXSEAL B.G. ALUMINIUM

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	A.W.F. Flexseal B.G Aluminium
Supplier	A.W.F. SMS Ltd
Address	Unit I D Brymau 3 Estate River Lane Saltney Chester, CH4 8RQ
Phone Number	01244 - 677833
Fax Number	01244 - 677844

2. COMPOSITION/INFORMATION ON INGREDIENTS

A solvent based bituminous roofing paint containing aluminium paste.

Chemical name	CAS No	%	Symbol	R- Phrases
White Spirit	64475-85-0	<25	F	R10
Naphtha	8030-30-6	<5	F	R10
Bitumen	64742-93-4			R40

3. HAZARDS IDENTIFICATION

The product is flammable liquid. Avoid contact with the liquid or the vapour.

4. FIRST AID MEASURES

Inhalation Remove to fresh air. If symptoms persist seek medical attention.

Skin Contact Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions. Do NOT use solvents.

Eye Contact Irrigate immediately with clean water for 15 minutes.

Ingestion If swallowed seek medical advice immediately. Do not induce vomiting.

Medical Information Where aspiration into lungs is suspected due to involuntary vomiting seek medical advice.

5. FIRE-FIGHTING MEASURES

Material is flammable and in a fire could give off toxic fumes.

Suitable extinguishing media: Dry powder, CO₂, foam, sand and earth.

Unsuitable extinguishing media: Never use water jet.

Required special protective equipment for fire fighters: Wear suitable protective clothing and use self contained breathing apparatus.

Note: All Hydrocarbons produce oxides on combustion.

Product spilled onto clothing may give rise to delayed evaporation of solvent and subsequent fire hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing, eye and hand protection (P.V.C. gloves). Ensure adequate ventilation when cleaning operations are in progress, use breathing apparatus when necessary.

Environmental Precautions: Prevent entry into drains and water courses. Immediately contain any spillage using inert absorbent material or soil.

Clean up Methods: Recover all waste material and dispose to local licensed tip according to local authority waste regulations.

Additional Advice: Report any passage to drains or watercourses immediately to the appropriate local water authority.

7. HANDLING AND STORAGE

Handling: Use only in ventilated areas. Avoid breathing in vapours as much as possible. Use gloves as recommended. Handle large containers with care according to good manual handling practises. Prolonged or repeated contact may lead to irreversible effects.

Storage: Store in cool, dry area away from sources of ignitions. When not in use keep containers tightly sealed. Examine condition of containers regularly.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering control measures: Ventilate confined areas when in use. Wear protective clothing if contact is likely.

General Protection and Hygiene measures: Good industrial hygiene practises are adequate to prevent skin contact.

Respiratory Protection: Wear appropriate equipment if working in confined space.

Hand Protection: Wear suitable impervious gloves.

Skin Protection: Appropriate protective clothing.

Eye Protection: Appropriate chemical resistant goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Colour	Aluminium
Odour	Sweet Petroleum	S.G.	0.92 = 0.02
			Naphtha
Flash Point	White Spirit		39°C
	38°C min		
Upper Explosion Limit	8.0% Vol		7.0% Vol
Lower Explosion Limit	0.6% Vol		0.8% Vol
Solubility (water}	Insoluble		Insoluble
Flammability	Flammable		Flammable
Auto-Ignition Temperature	232°C		350°C
Vapour Density (Air = 1}@20° C	5.5g		Not determined
Vapour Pressure @ 20°C	u.44 kpa		0.33 kpa

10. STABILITY AND REACTIVITY

Conditions to avoid: Protect from heat and sources of ignition.

Materials to avoid: Oxidising agents, strong acids, alkalis, halogens.

Hazardous Decompositions Products: Decomposition products of combustion are toxic oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Ingestion:

If ingested may cause sore throat, abdominal pains, diarrhoea, vomiting and systemic effects. (low toxicity, moderate irritant).

Skin Contact:

Prolonged and repeated contact may lead to irreversible effects.

Inhalation: No information at present

Eye Effects: Can cause irritation

<u>Exposure Limits:</u>	As for White Spirit	Naphtha
	OEL Sol 600 mg/m ²	OEL Sol 200 mg/m ²
	(8 hr T.W.A.)	(8 Hr T.W.A.)

12. ECOLOGICAL INFORMATION

Persistence/Degradation: The cured product is essentially non-biodegradable.

Mobility and Bio-Accumulation Potential: No known short term or long term effects.

13. DISPOSAL CONSIDERATIONS

Disposal of material should be by incineration in accordance with local regulations. Packaging should be similarly disposed of.

14. TRANSPORT INFORMATION

UN No: 1263
 Description: Paint
 Class 3
 Item no: 3, 32°(C)
 Symbol: "Flammable Liquid" Diamond, Marine Pollutant Label (sea borne shipment only).
 Packing Group: 111
 Emergency Action Code: 3 (Y)
 ADR Class 3
 IMCO Hazard Class 3, 3

15. REGULATORY INFORMATION

EEC Symbol	Xn Harmful
R10	Flammable
R15	Contact with water liberates highly flammable gas.
R40	Possible risk of irreversible effects.
R52	Harmful to aquatic organisms.
S2	Keep out of reach of children.
S16	Keep away from sources of ignition. NO SMOKING.
S3/9/14/49	Keep only in original containers in a cool well ventilated place away from acids or alkalis.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S38	In case insufficient ventilation, wear suitable respiratory equipment.
S43	In case of fire use dry powder, foam or carbon dioxide. NEVER WATER.

16. OTHER INFORMATION

Customers are urged to ensure that the product is entirely suitable for their own purpose.

The data contained in this Safety Data Sheet has been supplied by the Chemical (Hazard identification and packaging) Regulations 1993, as amended, for the purpose of protecting health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate persons in your company who is capable of acting on the information.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date 24/01/2007