

SAFETY DATA SHEET

A.W.F. WOODFILL R.F. BASE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	A.W.F. Woodfill R.F. Base
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

Hazardous Components:	Cas Number	Percentage
Toluene	108-88-3	3%
Styrene	100-42-5	16%

3. HAZARDS IDENTIFICATION

Harmful, Flammable, Irritant vapour, Marine Pollutant
 Signs and Symptoms of Exposure (Acute Effects) Irritant of skin eyes and respiratory tract.
 Signs and Symptoms of Exposure (Possible Long Term Effects) Irritant.
 Can cause skin disorders with repeated prolonged exposure.
 Inhalation of vapour can cause nausea and headaches

4. FIRST AID MEASURES

Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion

Eye Contact: Irrigate with clean water for at least 15 minutes. Seek medical attention.

Skin Contact: Remove from skin with plenty of soap and water. Remove contaminated clothing. If irritation persists, seek medical advice.

Ingestion: Drink plenty of water. Seek medical attention. Do not induce vomiting.

Inhalation: Move patient to fresh air and allow to rest. If patient is slow to recover or unconscious, obtain medical assistance immediately.

First Aiders should protect themselves from exposure Ref to Section 8 R)

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry powders, CO2 and Foam.

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Exposure Hazards: Flammable. Sealed containers heated can pressurise leading to explosion. Emits acrid black smoke and Irritating fumes when heated to decomposition

Fire Fighting Equipment N/A

6. ACCIDENTAL RELEASE MEASURES

Do not discharge into sewers. Scrape up and place into a suitable container for disposal. Wash area with water.

Refer to section 5, 8 and 13 for Protective Measures and Disposal.

7. HANDLING AND STORAGE

Keep away from heat and sources of ignition. Store below 25°C in a dry well ventilated space. Store separately from peroxides.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits. Long Term: 100 ppm (UK) Styrene

Short Term: 10 minutes 250 ppm(UK) Styrene

Respiratory: Extra protection not usually required during normal use. Ensure adequate ventilation of work place, but normally at 20°C there is no rapid build up of toxic vapour concentrations.

Ingestion: Unlikely during normal use.

Skin Protection: Wear gloves at all times.

Eye Protection: Not usually required during normal use. If splashing can occur, goggles should be worn

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick coloured paste	Odour: Styrene
Viscosity:	N/A	Specific Gravity: < 1.50 g/cm ³ at 20°C
Boiling Point/Range:	N/A	Melting Point/Melting Range: N/A
Flash Point:	> 100°C	Flammability: Flammable
Auto-Flammability	490°C (Styrene)	
Explosive Properties	Lower limit 1, 1% Upper limit 6. 1%	
Oxidising Properties:	None	Vapour Pressure N/A
Evaporation Rate:	N/A	Solubility: Insoluble in water
PH:	N/A	Partition Coefficient: N/A
Di-Electric Strength:	N/A	Additional Information: N/A

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Can polymerise (solidify) exothermically if heated, exposed to air, sunlight or by addition of free radical initiators.

Materials to Avoid: Reacts vigorously with strong oxidising agents and peroxides.

Hazardous Decomposition: Emits acrid smoke and irritating fumes when heated to decomposition.

Hazardous Polymerisations: Polymerisations in a closed container can give rise to pressure, which may rupture the vessel.

11. TOXICOLOGICAL INFORMATION

Oral: Material is classed as harmful. An LD50 (rat) is 5 g/kg for Styrene. LC50 (rat) ranges between 2770- 6000 ppm,
 Inhalation: Lung irritant can induce drowsiness and eventual unconsciousness.
 Eye: Severe irritant
 Skin: Modest irritant

12. ECOLOGICAL INFORMATION

Marine pollutant. Do not discharge into drains or the environment.

13. DISPOSAL CONSIDERATIONS

In an uncured state, place in a suitable container and dispose as chemical waste in accordance with local regulations. Small quantities may be reacted with the corresponding amount of activator. Allow to cure and dispose as solid waste. Hardened product is harmless.

14. TRANSPORT INFORMATION

Supply label:	Harmful Marine Pollutant	Polyester resin kit Flashpoint > 1 100oC
	Flammable	
IMDG Code	Free	UN No./SI No. 3269
		Hazard Class Free
ADR HIN	Free	Packing Group Free

15. REGULATORY INFORMATION

Labelling: Harmful, Flammable, Marine Pollutant.
 Risk Phrases (RIO) Flammable (R20) Harmful by inhalation.
 (R36138) Irritating to skin and eyes.
 Safety Phrases(S2) Keep out of reach of children (S23) Do not breathe vapour.
 (S36/37/39) Wear suitable protective clothing, gloves and eye/face protection

16. OTHER INFORMATION

The information contained within this document is furnished without warranty of any kind. Users should consider this data only as a supplement of other information gathered by them and make independent determinations of suitability and completeness of information from all sources to ensure proper use and disposal of these materials and the safety of employees customers

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