

# SAFETY DATA SHEET

## A.W.F. ANCHOR/MINI SET BASE

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	A.W.F. Anchor/Mini Set 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
Styrene	100-42-5	<20%

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

Skin: 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).

### 5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry powders, CO<sub>2</sub> and Foam.

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

continued on page 2

continued from page 1

Fire Fighting Equipment: Wear self contained breathing apparatus.

## 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)

Short Term: 10 minutes 250 ppm (UK)

Respiratory:

If forced air extraction is not available in enclosed areas an organic vapour mask will be required if the occupational exposure limit is exceeded.

Ingestion: Unlikely during normal use.

Skin Protection: Wear gloves at all times.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick coloured paste

Specific Gravity: 1.63 g/cm<sup>3</sup> at 20°C

Melting Point/Melting Range: N/A

Flash Point: 31°C

Explosive Properties: Lower limit 1.1% Upper limit 6.1%

Oxidising Properties: None

Evaporation Rate: N/A

PH: N/A

Di-Electric Strength: N/A

Odour: Styrene

Viscosity: N/A

Boiling Point/Range: N/A

Flammability: Flammable

Auto-Flammability: 490°C

Vapour Pressure: 6.52 mb at 20°C (Styrene)

Solubility: Insoluble in water

Partition Coefficient N/A

Additional Information N/A

## 10. STABILITY AND REACTIVITY

Stability:

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

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.

## 14. TRANSPORT INFORMATION

Supply label:	Harmful Marine Pollutant Flammable
IMDG Code	3379
UN No./SI No.	1866
EAC	3 (Y)
Hazard Class	3
ADR HIN	30
Packing Group	III

## 15. REGULATORY INFORMATION

Labelling: Harmful, Flammable, Marine Pollutant.

### Risk Phrases

(R10) 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.

(S28) After Contact with skin, wash immediately with plenty of soap and water.

## 16. OTHER 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 of issue 25/01/2007