

SAFETY DATA SHEET

A.W.F. METAL COAT

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	A.W.F. Metal Coat
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

Surface coating which is a mixture of resins, pigments and solvent.
 White Spirit >25% mixture of paraffinic and naphthenic hydrocarbons, range C10-C16
 Cas: 64742-82-1 Hazard Symbols Xn, Harmful
 N, Dangerous to the environment.
 Risk phrase; R10, R65, R66, R51/53 see section 15 for full text.

3. HAZARDS IDENTIFICATION

Classification of product (Supply use): UK CHIP 3, The chemicals, Hazardous information and packaging for supply, regulations 2002, EEC Directive 1999/45
 Flammable R10
 Xn Harmful R65 May cause lung damage if swallowed
 R66 Repeated exposures may cause skin dryness or cracking.
 N Dangerous to the Environment R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
 Ingestion may cause nausea and vomiting, dizziness and possibly unconsciousness.
 Irritating to eyes and skin.
 Harmful by inhalation, inhalation of high vapour concentration causes irritation of the respiratory system, nausea, dizziness and possibly unconsciousness.
 Adverse effects on the environment are unlikely, provided that the product is used as intended.
 Adverse physicochemical human health and environmental effects (see section 11)

4. FIRST AID MEASURES

General: Seek medical attention when symptoms persist and in all cases of doubt. Never give anything by mouth to an unconscious person.
Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in the recovery position and seek medical advice.

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Eye Contact.

Contact lenses should be removed. Irrigate well with clean fresh water for at least 10 minutes holding eyelids apart.

Skin Contact Remove contaminated clothing. Wash skin thoroughly with soap and water or suitable skin cleaner.

Do not use thinners.

Ingestion If accidentally swallowed obtain immediate attention. Keep at rest, do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishers: Water mist, Carbon dioxide, Foam, Dry powder.

Unsuitable Extinguishers: High pressure water jets.

Exposure Hazards: Fire might produce dense black smoke and toxic gases.

Special Procedures: Wear fire retardant clothing. Use approved self contained breathing apparatus. Cool containers with water sprays.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not breathe vapour. Avoid contact with skin, eyes and clothing.

Environmental Precautions: Prevent contamination of soil, drains and surface waters.

Method of Cleaning: Take up with absorbent, inert materials E.g. Sand, Earth. Ventilate area. Dispose in accordance with local authority regulations.

7. HANDLING AND STORAGE

Handling: Avoid inhalation of vapour, ensure adequate ventilation. Use local extraction equipment where possible. Wear suitable protective clothing.

Avoid ignition sources. Do not eat, drink or smoke in the workplace.

Storage: Keep away from food and drink. Store in original container securely closed and at room temperature. Store in accordance with the highly flammable liquids and liquefied petroleum gases regulations 1972.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Substance White Spirit.

Exposure Limits: 100ppm: (8hr:TWA) 125ppm: (15min STEL):

There is a risk of exposure through unbroken skin.

Further guidance on OEL's and the assessment of occupational exposure to harmful materials including mixed exposures is given in the HSE guidance note EH40.

Respiratory Protection:

Use in well ventilated places. Mechanical control takes precedence. Suitable spray booths and LEV systems should be employed and in case of insufficient ventilation where suitable respiratory equipment such as air-fed or combinations of charcoal and particulate filter masks.

Hand and Skin Protection:

Wear suitable overalls and gloves such as PVC or nitrile gauntlets. Remove clothing after work.

Eye Protection:

Wear approved safety goggles or full faced shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

Viscosity/Appearance	Mobile liquid	Vapour density;	>1 @ 25° C
Odour	Distinct smell	Autoflammability	500° C
Solubility	Aromatic hydrocarbons	Density	> 1.2
Boiling range	150-200° C (solvent)	Flash point	> 36° C

10. STABILITY AND REACTIVITY

Conditions to avoid.

Avoid extremes of temperature e.g. below 0° C and above 32° C. Also avoid static Discharges and direct sunlight.

Materials to avoid. Avoid contact with strong oxidising agents.

Hazardous breakdowns

Toxic fumes of hydrogen chloride and oxides of carbon will be evolved in the event of fire.

11. TOXICOLOGICAL INFORMATION

Inhalation and exposure to high vapour concentration are irritating to the eyes and respiratory tract may cause headaches, dizziness, nausea, vertigo and unconsciousness and may have other effects on the central nervous system. Small amounts of liquid aspirated into the respiratory system by ingestion or vomiting may cause bronco pneumonia or pulmonary edema. Frequently or prolonged contact with skin may irritate and cause dermatitis.

12. ECOLOGICAL INFORMATION

Mobility Mobile liquid, solvent will evaporate leaving semi-solid mass.
 Degradability Solvent will evaporate, Residue will not readily biodegrade.
 Possible environmental impact, clean up immediately and do not allow discharge to drains. Solvent is toxic to aquatic life classified as marine pollutant.

13. DISPOSAL CONSIDERATIONS

Liquid surplus or waste should be appropriately labelled. Disposal should be in accordance with current national and local regulations. Appropriate disposal is by incineration, authorisation from relevant source required. Use approved hazardous waste disposal companies. Empty containers should be disposed of in the same way as the product itself. Empty containers pose a fire and explosion hazard. When disposing of this material refer to section 7 and 8.

14. TRANSPORT INFORMATION

UN No 1263
 Proper Shipping Name Paint related material
 Packing group 111
 Label. Label of class 3
 IMDG-Code C 3.3
 RID/ADR Class 3
 Marine pollutant Yes
 Hazchem 3 (Y)

15. REGULATORY INFORMATION

Chemicals (Hazardous information and packaging) regulations 2002.

Control of substances hazardous to health regulations 2002.

Highly flammable liquids and liquefied petroleum gases regulations 1972 (as amended)

Road traffic regulations (CDG/CPL) 1994. (CDS) 1992.

Environmental protection act.

Hazardous Symbols: Xn Harmful.

N Dangerous for the environment

Risk and Safety phrases

R10 Flammable

R65 Harmful, may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

S2 Keep out of reach of children.

S24 Avoid contact with the skin and eyes.

S28 After contact with the skin wash immediately with plenty of soap and water.

S37/39 Wear suitable gloves and face protection.

16. OTHER INFORMATION

Recommended use and restrictions: Refer to appropriate technical data sheet.

The information supplied in this data sheet is to the best of our knowledge, true and accurate. The application, use and processing of related products are beyond our control and therefore entirely your own responsibility. Users are responsible to ensure that the information is adequate and appropriate for safe use. The data supplies does not signify any warranty with regard to the products properties.

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.

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