



SAFETY DATA SHEET

SP650: MATT BLACK - FORTAFIX HIGH TEMPERATURE AEROSOL PAINT

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Revision No: 2

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

Product name: SP650: MATT BLACK - FORTAFIX HIGH TEMPERATURE AEROSOL PAINT

Use of substance / preparation: High temperature resistant paint in aerosol cans.

Company name: Minco UK Ltd
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2. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to skin.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** XYLENE 30-50%
EINECS: 215-535-7 CAS: 1330-20-7
[-] R10; [Xn] R20/21; [Xi] R38
- 2-METHOXY-1-METHYLETHYL ACETATE 10-30%
EINECS: 203-603-9 CAS: 108-65-6
[-] R10; [Xi] R36
 - N-BUTYL ACETATE 1-10%
EINECS: 204-658-1 CAS: 123-86-4
[-] R10; [-] R66; [-] R67
 - ETHYL METHYL KETONE 1-10%
EINECS: 201-159-0 CAS: 78-93-3
[F] R11; [Xi] R36; [-] R66; [-] R67
 - BUTANE 10-30%
EINECS: 203-448-7 CAS: 106-97-8
[F+] R12

Contains: A solution of resins and pigments in a suitable organic solvent blend.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

[cont...]

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Obtain medical attention if symptoms develop.

Eye contact: Bathe the eye with running water for 15 minutes. Obtain medical attention if symptoms develop.

Ingestion: Wash out mouth with water. Do not induce vomiting. Keep warm and at rest. Get Medical Attention Immediately.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Keep warm and at rest. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Get Medical Attention Immediately.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Dry chemical powder. Water spray. Water fog. Use water spray to cool containers.

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. Aerosol cans may explode if heated. Use water spray to cool containers.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Do not use equipment in clean-up procedure which may produce sparks. Extinguish all ignition sources. Refer to section 13 of SDS for suitable method of disposal.

7. HANDLING AND STORAGE

Handling requirements: Wear suitable protective equipment. See Section 8 - Personal Protection. Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air. Exclude all sources of heat, sparks and open flame. General good safety practices should be followed in the handling and use of this product. NO SMOKING OR EATING OR DRINKING should be allowed in areas of storage or use. Good housekeeping standards, regular safe removal of waste materials and regular maintenance of spray booth fillers and all other equipment will minimise the risks of spontaneous combustion and other fire hazards.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition. Keep away from sources of heat, ignition and direct sunlight. Must not be exposed to temperatures above 50C.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: XYLENE

WEL (8 hr TWA): 220 mg/m³ WEL (15 min STEL): 441 mg/m³

- 2-METHOXY-1-METHYLETHYL ACETATE

WEL (8 hr TWA): 274 mg/m³ WEL (15 min STEL): 548 mg/m³

- N-BUTYL ACETATE

WEL (8 hr TWA): 724 mg/m³ WEL (15 min STEL): 966 mg/m³

- ETHYL METHYL KETONE

WEL (8 hr TWA): 600 mg/m³ WEL (15 min STEL): 899 mg/m³

- BUTANE

WEL (8 hr TWA): 1450 mg/m³ WEL (15 min STEL): 1810 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Ensure good work practices. Wash splashes immediately. DO NOT eat, drink or smoke in the workplace. All personal protective equipment, including respiratory protective equipment, used to control exposure, must meet the requirements of the COSHH Regulations.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protection is required if solution is sprayed. Consult British Standards BS2091 and BS4275 and HSE publication HS(G)53 for further advice on respiratory protective equipment.

Hand protection: Impermeable gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Black

Odour: Characteristic odour

Solubility in water: Insoluble

Flammability limits %: lower: 1.5

upper: 11.5

Flash point°C: -40

Autoflammability°C: 315

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

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Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

- Hazardous ingredients:** XYLENE
- ORL MUS LD50 2119 mg/kg
 - ORL RAT LD50 4300 mg/kg
 - SCU RAT LD50 1700 mg/kg
 - 2-METHOXY-1-METHYLETHYL ACETATE
 - IPR MUS LD50 750 mg/kg
 - ORL RAT LD50 8532 mg/kg
 - N-BUTYL ACETATE
 - ORL MUS LD50 6 gm/kg
 - ORL RAT LD50 10768 mg/kg

Chronic toxicity: Danger of cumulative effects through inhalation. Prolonged and repeated contact with organic solvents may lead to permanent health problems.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Empty containers must NOT be burned because of explosion hazard. Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1950 **ADR Class:** 2
Classification code: 5F
Shipping name: AEROSOLS
Labelling: 2.1



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IMDG / IMO

UN no: 1950 **Class:** 2
EmS: F-D,S-U **Marine pollutant:** .
Labelling: 2.1

IATA / ICAO

UN no: 1950 **Class:** 2
Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols: Extremely flammable.
 Harmful.



Risk phrases: R12: Extremely flammable.
 R20/21: Harmful by inhalation and in contact with skin.
 R38: Irritating to skin.

Safety phrases: S1/2: Keep locked up and out of the reach of children.
 S3/9: Keep in a cool, well ventilated place.
 S16: Keep away from sources of ignition - No smoking.
 S23: Do not breathe fumes/mist/vapour.
 S24/25: Avoid contact with skin and eyes.
 S27/28: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of warm soapy water.
 S33: Take precautionary measures against static discharges.
 S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
 S38: In case of insufficient ventilation, wear suitable respiratory equipment.
 S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 S60: This material and its container must be disposed of as hazardous waste.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Haz. ingredients (label): XYLENE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to

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the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: Shelf life - 6 months.

This product is ROHS compliant.

Contains free silicone.

Risk phrases used in s.3: R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

R11: Highly flammable.

R12: Extremely flammable.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.