Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FORTAFIX SP650 - HEAT RESISTANT MATT BLACK AEROSOL PAINT
CAS number: Mixture
EINECS number: Mixture
Product code: FF300

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers. PROC4: Use in batch and other process (synthesis) where opportunity for exposure arises PROC7: Industrial spraying ERC5: Industrial use resulting in inclusion into or onto a matrix

1.3. Details of the supplier of the safety data sheet

Company name: Minkon Ltd
Tofts Farm Industrial Estate
Brenda Road
Hartlepool
UK
TS25 2BS
United Kingdom
Tel: +44 (0) 1429 273 252
Fax: +44 (0) 1429 232 611
Email: enquiries@minkon.co.uk

1.4. Emergency telephone number

Emergency tel: +441429273252 MTWT:08:30-17:00 F:08:30-14:00
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Aerosol 1: H222; Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336; -: EUH066; -: H229; STOT RE 2: H373

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

[cont...]
## 2.2. Label elements

**Label elements:**

**Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.
H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H373: May cause damage to organs through prolonged or repeated exposure.

**Hazard pictograms:** GHS02: Flame
GHS07: Exclamation mark
GHS08: Health hazard

**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.
P260: Do not breathe vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTRE or doctor if you feel unwell.
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

## 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture. Vapours and spray/mists in high concentrations are narcotic. See Section 11 for additional information on health hazards.

**PBT:** This product is not identified as a PBT/vPvB substance.

[cont...]
Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

**ACETONE**

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-662-2</td>
<td>67-64-1</td>
<td></td>
<td>Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066</td>
<td>30-50%</td>
</tr>
</tbody>
</table>

**XYLENE**

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>215-535-7</td>
<td>1330-20-7</td>
<td></td>
<td>Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

Non-classified ingredients:

**PETROLEUM GASES, LIQUEFIED**

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
</table>

**2-METHYLPROPAN-1-OL**

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>PBT / WEL</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>201-148-0</td>
<td>78-83-1</td>
<td></td>
<td>Flam. Liq. 3: H226; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

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

Section 4: First aid measures

4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination. In case of eye contact flush abundantly with water; have eye bath available. Do not rub eyes. Remove contact lenses

**Ingestion:** Wash out mouth with water.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Seek medical attention if irritation persists.

4.2. Most important symptoms and effects, both acute and delayed

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

**Eye contact:** There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred.

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

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Vapours in
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high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Use water spray to cool containers. Dry chemical powder. Alcohol resistant foam. Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Aerosol cans may explode if heated. Use water spray to cool containers.

5.3. Advice for fire-fighters

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

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Ensure suitable respiratory equipment is worn during removal of spillages in confined areas.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

[cont...]
7.3. Specific end use(s)

Specific end use(s): High temperature resisting aerosol applied paint PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ACETONE

Workplace exposure limits:  
Respirable dust

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>1210 mg/m3</td>
<td>3620 mg/m3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

XYLENE

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>220 mg/m3</td>
<td>441 mg/m3</td>
</tr>
</tbody>
</table>

DNEL/PNEC Values

DNEL / PNEC  No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. If ventilation is inadequate, suitable respiratory protection must be worn.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>State: Aerosol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour: Black</td>
</tr>
<tr>
<td>Odour: Characteristic odour</td>
</tr>
<tr>
<td>Solubility in water: Insoluble</td>
</tr>
<tr>
<td>Viscosity: Non-viscous</td>
</tr>
</tbody>
</table>

Boiling point/range°C: -41(-41 to 138)  
Flash point°C: -40

Autoflammability°C: 400  
Relative density: 0.78

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

[cont...]
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FORTAFIX SP650 - HEAT RESISTANT MATT BLACK AEROSOL PAINT

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ACETONE

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>DRM</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>OPT</td>
<td>Hazardous: calculated</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>INH</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Relevant hazards for product:

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>DRM</td>
<td>Hazardous: calculated</td>
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<tr>
<td>Serious eye damage/irritation</td>
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</tr>
<tr>
<td>STOT-single exposure</td>
<td>INH</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms / routes of exposure

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

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred.
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Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Vapours in high concentrations are narcotic. Vapours may cause headache, fatigue, dizziness and nausea.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

| ACETONE | BLUEGILL (Lepomis macrochirus) | LC50 | 8300 mg/l |

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Empty containers must NOT be burned because of explosion hazard. Aerosol containers should be thoroughly emptied before disposal because of the risk of an explosion. Dispose of waste product or used containers in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D

Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

- EUH066: Repeated exposure may cause skin dryness or cracking.
  - H220: Extremely flammable gas.
  - H222: Extremely flammable aerosol.
  - H225: Highly flammable liquid and vapour.
  - H226: Flammable liquid and vapour.
  - H229: Pressurised container: May burst if heated.
  - H312: Harmful in contact with skin.
  - H315: Causes skin irritation.
  - H318: Causes serious eye damage.
  - H319: Causes serious eye irritation.
  - H332: Harmful if inhaled.
  - H335: May cause respiratory irritation.
  - H336: May cause drowsiness or dizziness.
  - H373: May cause damage to organs ({{0|||message=<or state all organs affected, if
known>|||filter=(_)?ORGAN_.+}}}) through prolonged or repeated exposure ({{{{1|}}}message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>|||filter=(_)?EXP_ROUTE_.+}}}).

**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.