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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>PMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS No.</td>
<td>108-65-6</td>
</tr>
<tr>
<td>EC No.</td>
<td>203-603-9</td>
</tr>
<tr>
<td>Index No.</td>
<td>607-195-00-7</td>
</tr>
</tbody>
</table>

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

| Description | Solvent for thinning thermal paints. |

1.3. Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company</th>
<th>Thermographic Measurements Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Riverside Buildings</td>
</tr>
<tr>
<td></td>
<td>Dock Road</td>
</tr>
<tr>
<td></td>
<td>Connah’s Quay</td>
</tr>
<tr>
<td></td>
<td>Flintshire CH5 4DS</td>
</tr>
<tr>
<td></td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.t-m-c.com">www.t-m-c.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>+44 (0)1244 818348</td>
</tr>
<tr>
<td>Fax</td>
<td>+44 (0)1244 818502</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:sales@t-m-c.com">sales@t-m-c.com</a></td>
</tr>
<tr>
<td>Email address of the competent person</td>
<td>chrisc@t-m-com</td>
</tr>
</tbody>
</table>

1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency telephone number</th>
<th>+44 (0)1244 818348</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours</td>
<td>09.00 to 17.00</td>
</tr>
</tbody>
</table>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC

| Main hazards          | Irritating to eyes. Flammable. |

2.1.2. Classification - EC 1272/2008

| Flam. Liq. 3: H226; |

2.2. Label elements

<table>
<thead>
<tr>
<th>Hazard pictograms</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal Word</td>
<td>Warning</td>
</tr>
</tbody>
</table>
2.2. Label elements

Precautionary Statement: Prevention
- P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response
- P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370+P378 - In case of fire: Use for extinguition.

Precautionary Statement: Storage
- P403+P235 - Store in a well-ventilated place. Keep cool.

Precautionary Statement: Disposal
- P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.1. Substances
67/548/EEC / 1999/45/EC

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. Classification (%/w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA</td>
<td>607-195-00-7</td>
<td>108-65-6</td>
<td>203-603-9</td>
<td></td>
<td>90 - 100% R10</td>
</tr>
</tbody>
</table>

EC 1272/2008

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. Classification (%/w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA</td>
<td>607-195-00-7</td>
<td>108-65-6</td>
<td>203-603-9</td>
<td></td>
<td>90 - 100% Flam. Liq. 3: H226;</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move the exposed person to fresh air. Seek medical attention.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion Seek medical attention if irritation or symptoms persist.

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

Inhalation Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact May cause irritation to eyes.
Skin contact May cause irritation to skin.
Ingestion Ingestion may cause nausea and vomiting.

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

Inhalation If you feel unwell, seek medical advice (show the label where possible).
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact If you feel unwell, seek medical advice (show the label where possible).
General information In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media
5.1. Extinguishing media

Carbon oxides. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

Do not handle in a confined space. Do not spray on naked flame or any other incandescent material. Ensure adequate ventilation of the working area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8-hr limit ppm</th>
<th>WEL 8-hr limit mg/m³</th>
<th>WEL 15 min limit ppm</th>
<th>WEL 15 min limit mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA</td>
<td>50</td>
<td>274</td>
<td>100</td>
<td>548</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

Respiratory protection

Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Boiling point</td>
<td>145</td>
</tr>
<tr>
<td>Flash point</td>
<td>45</td>
</tr>
<tr>
<td>Vapour density</td>
<td>3.8</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.96</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>272°C</td>
</tr>
<tr>
<td>Viscosity</td>
<td>1</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
</tbody>
</table>

Water solubility

> 10%.

SECTION 10: Stability and reactivity

10.1. Reactivity

Avoid sparks, flames, heat and sources of ignition.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames.

10.5. Incompatible materials

No Significant Hazard.

10.6. Hazardous decomposition products

Burning produces obnoxious and irritating fumes.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Oral Rat LD50</th>
<th>Dermal Rabbit LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA</td>
<td>8532 mg/kg</td>
<td>&gt;5 gm/kg</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

Further information

No constituent has yet been assigned a risk phrase pertaining to ecological effects (R50 to R59) or the symbol N.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Do not allow product to enter drains. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

Hazard pictograms
## SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Regulations**


**Further information**

For this product a chemical safety assessment was not carried out.
## Other information

<table>
<thead>
<tr>
<th>Text of Hazard Statements in Section 3</th>
<th>Flam. Liq. 3: H226 - Flammable liquid and vapour.</th>
</tr>
</thead>
</table>

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.