



SAFETY DATA SHEET

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SC155

Revision 0
Revision date 9-Apr-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name SC155

Company Thermographic Measurements Ltd
Riverside Buildings
Dock Road
Connah's Quay
Flintshire CH5 4DS
United Kingdom
info@hallcrest.uk.com
www.t-m-c.com

Telephone +44 (0) 1244 818348

Fax +44 (0) 1244 818502

Emergency telephone number +44 (0) 1244 818348

Intended use Temperature measurement and thermal mapping.

2. HAZARDS IDENTIFICATION.

Main hazards Flammable Harmful by inhalation and in contact with skin. Irritating to eyes and skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

| | Conc. | CAS | EINECS | Symbols/Risk phrases |
|---|----------|-----------|-----------|------------------------|
| Xylene (Xylene, o-m-,p- or mixed isomers) | 20 - 30% | 1330-20-7 | 215-535-7 | R10 Xn; R20/21 Xi; R38 |
| 2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate) | 20 - 30% | 108-65-6 | 203-603-9 | R10 Xi; R36 |
| SC155 Pigment | 10 - 20% | | | Xn; R22 Xi; R36 |

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

Ingestion Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

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| | |
|-----------------------------|--|
| Extinguishing media | Use as appropriate: carbon dioxide (CO ₂), dry chemical, foam. |
| Fire hazards | Burning produces irritating, toxic and obnoxious fumes. |
| Protective equipment | Wear suitable respiratory equipment when necessary. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Personal precautions | Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment. |
| Environmental precautions | Do not allow product to enter drains. Prevent further spillage if safe. |
| Clean up methods | Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |

7. HANDLING AND STORAGE

| | |
|-----------------|--|
| 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. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
| Storage | Keep in a cool, dry, well ventilated area. Keep containers tightly closed. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

| | | |
|---|---|--|
| Xylene (Xylene, o-,m-,p-or mixed isomers) | WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100 | WEL 8-hr limit mg/m ³ : 220 WEL 15 min limit mg/m ³ : 441 |
| 2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate) | WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100 | WEL 8-hr limit mg/m ³ : 274 WEL 15 min limit mg/m ³ : 548 |

| | |
|-------------------------------|---|
| Engineering measures | Ensure adequate ventilation of the working area. |
| Respiratory protection | Self-contained breathing apparatus. Wear protective clothing. |
| Hand protection | Chemical resistant gloves (PVC) |
| Eye protection | Approved safety goggles. |
| Protective equipment | Wear chemical protective clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|---------|
| Description | Liquid. |
| Colour | Blue. |
| Odour | Mild. |
| Boiling point | 140°C |
| Flash point | 32°C |
| Relative density | 1.1 |

10. STABILITY AND REACTIVITY

| | |
|----------------------------|---------------------------------|
| Stability | Stable under normal conditions. |
| Conditions to avoid | Heat, sparks and open flames. |
| Materials to avoid | Oxidising agents. |

11. TOXICOLOGICAL INFORMATION**12. ECOLOGICAL INFORMATION**

| | |
|----------------------------|---------------------------------------|
| Further information | No data is available on this product. |
|----------------------------|---------------------------------------|

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General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION**ADR/RID**

| | |
|----------------------|-------------------|
| UN 1263 | Packing group III |
| Class 3 | Hazard ID 33 |
| Proper Shipping Name | |
| PAINT . | |

IMDG

| | |
|------------------|--------------------|
| UN 1263 | Packing group III |
| Class 3 | Marine pollutant . |
| EmS Code F-E S-E | |

IATA

| | |
|--|------------------------|
| UN 1263 | Packing group III |
| Class 3 | Subsidiary risk - |
| Packing Instruction 310 (Cargo) | Maximum quantity 220 L |
| Packing Instruction 309 (Passenger) | Maximum quantity 60 L |

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xn - Harmful



Risk phrases R10 - Flammable.
R20/21 - Harmful by inhalation and in contact with skin.
R36/38 - Irritating to eyes and skin.

Safety phrases S7/9 - Keep container tightly closed and in a well-ventilated place.
S23 - Do not breathe gas/fumes/vapour/spray.
S38 - In case of insufficient ventilation, wear suitable respiratory equipment.
S36/37 - Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Text of risk phrases in Section 3. R10 - Flammable.
R20/21 - Harmful by inhalation and in contact with skin.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R38 - Irritating to skin.

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. All components TSCA compliant.

All components are TSCA compliant.

HMIS LABELLING HEALTH 1, FLAMMABILITY 2, PHYSICAL HAZARD 0