



## MATERIAL SAFETY DATA SHEET

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### MC520-7

Revision 0  
Revision date 14-Aug-2008

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name** MC520-7  
**Company** LCR Hallcrest  
1820 Pickwick Lane  
Glenview  
IL 60026  
sales@hallcrest.com  
**Telephone** +1 847 998 8580  
**Fax** +1 847 998 6866  
**Emergency telephone number** +1 847 998 8580  
**Intended use** Temperature measurement and thermal mapping.

#### 2 HAZARDS IDENTIFICATION.

##### Statement of Hazard

**DANGER** EXTREMELY FLAMMABLE LIQUID AND VAPOR, VAPOR MAY CAUSE FLASH FIRE

##### Properties

**Color** Purple / mauve  
**Odor** Mild  
**State** Liquid

##### 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
Xylene (Xylene (o, m & p isomers))	20 - 30%	1330-20-7
2-methoxy-1-methylethyl acetate	10 - 20%	108-65-6
MC520-7 PIGMENT	10 - 20%	

#### 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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**5. FIRE FIGHTING MEASURES**

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

**6. ACCIDENTAL RELEASE MEASURES**

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

**7. HANDLING AND STORAGE**

<b>Handling</b>	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.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

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

Xylene  
(Xylene (o, m & p isomers))

ACGIH TLV TWA: 100 ppm  
Notations: A4; BEI  
OSHA PEL 8hr TWA mg m<sup>3</sup>: 435

ACGIH TLV STEL: 150 ppm  
OSHA PEL 8hr TWA ppm: 100  
Skin Designation: -

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Description</b>	Liquid.
<b>Color</b>	Purple / mauve.
<b>Odor</b>	Mild.
<b>Flash point</b>	30°C
<b>Relative density</b>	1.23
<b>Water solubility</b>	slightly miscible in water.

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Heat, sparks and open flames.
<b>Materials to avoid</b>	Oxidizing agents.



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## 16. OTHER INFORMATION

### Statement of Hazard

EXTREMELY FLAMMABLE LIQUID AND VAPOR, VAPOR MAY CAUSE FLASH FIRE

### 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.

### TSCA

All components are TSCA compliant.

### HMIS LABELLING

HEALTH 1, FLAMMABILITY 3, PHYSICAL HAZARD 1.