

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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### Sprayable TLC Coating (Water-based)

Revision 3

Revision date 2019-02-20

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

##### 1.1. Product identifier

Product name	Sprayable TLC Coating (Water-based)
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##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Aqueous based ink containing acrylic resins.
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##### 1.3. Details of the supplier of the safety data sheet

Company	LCR Hallcrest Ltd
Address	Riverside Buildings Dock Road Connah's Quay Flintshire CH5 4DS United Kingdom
Web	www.lcrhallcrest.com
Telephone	+44 (0) 1244 817107
Fax	+44 (0)1244 818502
Email	sales@lcrhallcrest.com

##### Intended use

	Temperature measurement and thermal mapping.
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#### SECTION 2: Hazards identification

##### 2.2. Label elements

Hazard Statement	No Significant Hazard
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#### SECTION 3: Composition/information on ingredients

##### Further information

	Proprietary information. There are no hazardous components present.
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#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
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	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.

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

Ingestion	May cause irritation to mucous membranes.
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## 4.3. Indication of any immediate medical attention and special treatment needed

Inhalation	No Significant Hazard.
Eye contact	May cause irritation to eyes. Bathe the eye with running water for 15 minutes.
Skin contact	No Significant Hazard.
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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### 6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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### 6.4. Reference to other sections

	For disposal see section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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### 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.
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### Suitable packaging

	Plastic containers. When using do not eat, drink or smoke.
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## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.

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## 8.2. Exposure controls

Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

## SECTION 9: Physical and chemical properties

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

Appearance	Liquid
Colour	Tan.
Odour	Mild
pH	No data available
Initial boiling point	100 °C
Flash point	Not applicable.
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Solubility	Miscible in water

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	No Significant Hazard.
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### 10.2. Chemical stability

	Stable under normal conditions.
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### 10.3. Possibility of hazardous reactions

	No Significant Hazard.
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### 10.4. Conditions to avoid

	No Significant Hazard.
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### 10.5. Incompatible materials

	No Significant Hazard.
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### 10.6. Hazardous decomposition products

	No data is available on this product.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	No Significant Hazard.
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#### 11.1.2. Mixtures

	No Significant Hazard.
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#### 11.1.3. Hazard Information

	Refer to section 2.2.
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#### 11.1.4. Toxicological Information

	No Significant Hazard.
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#### 11.1.5. Hazard Class

	Refer to section 2.2.
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### Further information

	No Significant Hazard.
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## SECTION 12: Ecological information

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## 12.3. Bioaccumulative potential

### Partition coefficient

	Sprayable TLC Coating (Water-based) No data available
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### Further information

	No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. Water dissolved constituents biodegradable.
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## SECTION 13: Disposal considerations

### General information

	Dispose of in compliance with all local and national regulations.
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### Disposal methods

	Is not hazardous when disposed of.
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### Disposal of packaging

	Dispose of in compliance with all national regulations.
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## SECTION 14: Transport information

### 14.1. UN number

	The product is not classified as dangerous for carriage.
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### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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### 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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### 14.4. Packing group

	The product is not classified as dangerous for carriage.
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### 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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### 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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### Further information

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

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

Regulations	This safety data sheet complies with Regulation (EC) 2015/830. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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### 15.2. Chemical safety assessment

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## 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### Other information

<b>Revision</b>	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>8 - Skin protection - Handprotection.</li> <li>9 - 9.1. Information on basic physical and chemical properties (PH).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Flash point).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Relative density).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).</li> <li>9 - 9.1. Information on basic physical and chemical properties (Solubility).</li> <li>9 - 9.2. Other information (Partition coefficient).</li> <li>11 - 11.1.4. Toxicological Information.</li> <li>11 - Acute toxicity.</li> <li>11 - 11.1. Information on toxicological effects.</li> <li>11 - 11.1.2. Mixtures.</li> <li>11 - 11.1.3. Hazard Information.</li> <li>11 - 11.1.5. Hazard Class.</li> <li>11 - 11.1.7. Information on likely routes of exposure.</li> <li>13 - Disposal methods.</li> <li>13 - Disposal of packaging.</li> <li>15 - Further information.</li> <li>15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.</li> <li>15 - 15.2. Chemical safety assessment.</li> <li>15 - Regulations.</li> <li>16 - HMIS LABELLING.</li> </ul>
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### Further information

	<p>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.</p>
<b>HMIS LABELLING</b>	<p>All components are TSCA compliant.</p> <p>HEALTH 0,. FLAMMABILITY 0,. PHYSICAL HAZARD 0. PERSONAL PROTECTION : C.</p>