



SAFETY DATA SHEET

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SPRAYABLE CHIRAL NEMATIC

Revision 0
Revision date 27-Feb-2009

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name SPRAYABLE CHIRAL NEMATIC

Description Aqueous based ink containing acrylic resins.

Company LCR Hallcrest Ltd
Riverside Buildings
Dock Road
Connah's Quay
Flintshire CH5 4DS
United Kingdom
info@hallcrest.uk.com
www.lcrhallcrest.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 No Significant Hazard

3. COMPOSITION / INFORMATION ON INGREDIENTS.

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. 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 May cause irritation to mucous membranes. Move the exposed person to fresh air.

Ingestion May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions.

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.

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

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

Print date 29-May-2009

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7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Ensure adequate ventilation of the working area.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	In case of splashing, wear: Approved safety goggles.
Protective equipment	Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Tan.
Odour	Mild.
Boiling point	100°C

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

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

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Risk phrases	NSH - No Significant Hazard.
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16. OTHER INFORMATION

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.
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All components are TSCA compliant.

HMIS LABELLING	HEALTH 0, FLAMMABILITY 0, PHYSICAL HAZARD 0 PERSONAL PROTECTION : C.
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