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**SAFETY DATA SHEET**

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

## 1.1 Product identifier

- Product Name: Unsealed TLC Mixture H317 H411

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

- Use of the substance/mixture: For professional use only., Manufacture of temperature-indicating products and temperature-sensitive decorative effects.

## 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: LCR Hallcrest
- Address of Manufacturer: Riverside Buildings,  
Dock Road,  
Connah's Quay,  
Deeside,  
Flintshire, CH5 4DS,  
Wales. U.K.
- Telephone: +44 (0) 1244 817107
- Email: Sales@lcrhallcrest.com

## 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1244 818348

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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Aquatic Chronic 2

## 2.2 Label elements



- Signal Word: Warning
- Hazard statements
  - May cause an allergic skin reaction.
  - Toxic to aquatic life with long lasting effects.
- Precautionary statements
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Avoid release to the environment.
  - If skin irritation or rash occurs: Get medical advice/attention.
  - Wash contaminated clothing before reuse.
  - IF ON SKIN: Wash with plenty of soap and water.
  - Collect spillage.

## 2.3 Other hazards

- Contains: 4-Pentylphenyl 4-methoxybenzoate

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

- 4-Pentylphenyl 4-methoxybenzoate  
CAS Number: 38444-13-2  
EC Number: 253-932-7  
Concentration: 2.5% - 10%  
Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1  
H Statements: H315-H317-H319-H410
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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin  
IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion  
Do not induce vomiting  
Get medical advice/attention if you feel unwell.
- Inhalation  
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
NOTE TO PHYSICIANS: Treat by observation and supportive measures as indicated by the patient's condition

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

- Contact with eyes  
May cause irritation
- Contact with skin  
May cause an allergic skin reaction.
- Ingestion  
May cause gastro-intestinal disturbances
- Inhalation  
May cause irritation

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

- IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

## SECTION 5: Firefighting measures (....)

### 5.2 Special hazards arising from the substance or mixture

- No information available

### 5.3 Advice for firefighters

- Wear suitable respiratory protection
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## SECTION 6: Accidental release measures

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

### 6.2 Environmental precautions

- Avoid release to the environment.

### 6.3 Methods and material for containment and cleaning up

- Collect spillage.

### 6.4 Reference to other sections

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to hazardous waste collection point.

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed
- No special precautions are required for this product

### 7.3 Specific end use(s)

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- No information available

### 8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - The usual precautions for handling chemicals should be observed
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

-Appearance: Liquid

-pH - not known

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## SECTION 9: Physical and chemical properties (....)

- Melting point - not known
- Boiling point - not known
- Freezing point/Range: Not available
- Vapour density - not known
- Specific gravity - not known
- Fat solubility - not known
- Partition coefficient : n-Octanol/water - not known
- Viscosity - not known
- Water solubility - not known

### 9.2 Other information

- No information available
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Stable

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- No special requirements

### 10.5 Incompatible materials

- No special requirements

### 10.6 Hazardous decomposition products

- Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: No data is available on this product.
  - May cause irritation to skin
  - May cause sensitisation by skin contact.
  - Germ cell mutagenicity - No data is available on this product
  - IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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## SECTION 11: Toxicological information (....)

- Reproductive Effects: No information available
  - STOT-single exposure: No data is available on this product.
  - STOT-repeated exposure: No data is available on this product.
  - Aspiration hazard: No data is available on this product.
  - ~~-Repeated or prolonged exposure: No data is available on this product.~~
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## SECTION 12: Ecological information

### 12.1 Toxicity

- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulative potential

- No information available

### 12.4 Mobility in soil

- immiscible with water

### 12.5 Results of PBT and vPvB assessment

- No information available

### 12.6 Other adverse effects

- No information available
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Dispose of contents/container to hazardous waste collection point.
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## SECTION 14: Transport information



### 14.1 UN number

- UN No.: 3082

### 14.2 Proper Shipping Name

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, (Pentylphenyl methoxybenzoate).

### 14.3 Transport hazard class(es)

- Hazard Class: 9

### 14.4 Packing group

## SECTION 14: Transport information (....)

- Packing Group: III

### 14.5 Environmental hazards

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

### 14.6 Special precautions for user

- No information available

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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## SECTION 15: Regulatory information

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

- 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.

### 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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## SECTION 16: Other information

This information supplied in this Safety Data Sheet is designed only as guidance for the safe use and storage 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 only relates 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.

--- end of safety datasheet ---

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