
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Chameleon Photochromic Plastisol Inks H400

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

- Use of the substance/mixture: Photochromic Dye in PVC Plastisol. Colourless until exposed to UV light. Develops one of the following colours depending on type: Gold, Magenta , Pink , Plum, Standard Red, Super Red, Rose.

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
-

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Aquatic Chronic 3

2.2 Label elements

- Signal Word:
- Hazard statements
Contains sebacates. May produce an allergic reaction.
Harmful to aquatic life with long lasting effects.
- Precautionary statements
Avoid release to the environment.
Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- No information available
-

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate
-

SECTION 3: Composition/information on ingredients (....)

- CAS Number: 82919-37-7
EC Number: 280-060-4
Concentration: 0 - 0.5%
Categories: Skin Sens. 1
Symbols: GHS09, GHS07, Wng
H Statements: H317, H400, H410
- Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
CAS Number: 41556-26-7
EC Number: 255-437-1
Concentration: 0.25%
Categories: Skin Sens. 1
Symbols: GHS09, GHS07, Wng
H Statements: H317, H400, H410
-

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: Gently wash with plenty of soap and water.
- Ingestion
Call a POISON CENTRE or doctor if you feel unwell.
- Inhalation
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- May cause irritation

4.3 Indication of any immediate medical attention and special treatment needed

- If eye irritation persists: Get medical advice/attention.
 - Seek medical attention if irritation persists
 - IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.
-

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

- Burning produces obnoxious and irritating fumes.

5.3 Advice for firefighters

- Wear suitable respiratory protection

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid release to the environment.
- Dispose of contents/container to approved hazardous waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Store at ambient temperature
- Keep container tightly closed

7.3 Specific end use(s)

- Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
-

SECTION 8: Exposure controls/personal protection



8.1 Control parameters

- No information available

8.2 Exposure controls

- Appropriate engineering controls
Ensure adequate ventilation
- Individual protection measures
The usual precautions for handling chemicals should be observed
- Eye / face protection
Safety goggles with lateral shielding (DIN EN 166)
- Skin protection - hand protection
Wear protective gloves in cases of prolonged contact (DIN EN 374).
- Respiratory protection
Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Organic vapour filter. Gas filter, type A2. EN 136/140/141/145/143/149

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Paste
- Colour Various
- Boiling Point/Range: 218°C
- Flashpoint: 227°C
- Specific Gravity: 1.19
- Solubility in water: Insoluble in water

9.2 Other information

- No information available
-

SECTION 10: Stability and reactivity

10.1 Reactivity

- No special requirements

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

- Avoid contact with oxidising substances

10.6 Hazardous decomposition products

- Burning produces obnoxious and irritating fumes.
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity
No information available
- Skin corrosion/irritation
No information available
- Serious eye damage/irritation
No information available
- Respiratory or skin sensitisation
No information available
- Germ cell mutagenicity
No information available
- Carcinogenicity
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.

SECTION 11: Toxicological information (....)

- Reproductive toxicity
No information available
 - STOT-single exposure
No information available
 - STOT-repeated exposure
No information available
 - Aspiration hazard
No information available
-

SECTION 12: Ecological information

12.1 Toxicity

- Harmful 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

- Harmful to aquatic life with long lasting effects.
-

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of contents/container to approved hazardous waste collection point.
-

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number

- UN No.: Not applicable

14.2 Proper Shipping Name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

SECTION 14: Transport information (....)

- Not Classified

14.6 Special precautions for user

- Not Classified

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

- Not Classified
-

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) No1907/2006 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
-

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

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 ---
