

## LC – Safety data sheet

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Commercial product name: **PAINT MARKER**

Product No.: **edding 750, 751 780**

Date: 31.07.08

Date of revision: 2003-July-02

Producer/ supplier: edding AG

### 1 Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation: paint marker ink, e-750, 751, 780  
Color No. 1-10, 049, 053, 054, 055

1.2 Company/undertaking identification: edding Aktiengesellschaft  
Bookkoppel 7, D-22926 Ahrensburg  
Germany, Tel.: +49 (0)4102-808-0

### 2 Composition/information on ingredients

☐ substance

☒ preparation

Chemical characterisation:

Designation	CAS No.	Contents [%]	R/S-Phrases
Iso-Parafin	64742-48-9	29-31	R: 11
Ethylcyclohexane	1678-91-7	20-21	S: 9-16-29-33-3/7/9

### 3 Hazards identification

Highly flammable liquid

### 4 First-aid measures

Inhalation: Call physician or consult a doctor after lay down under well ventilated air.

Eyes: Immediately flush with plenty of water and consult a doctor.

Skin: Wash off flowing water with soap.

Ingestion: Consult doctor immediately.

### 5 Fire-fighting measures

Do not smoke, keep sources of ignition at a distance, do not empty liner bag over drums with ignitable gas mixtures.

Keep away from sources of ignition, keep container tightly closed.

Dry chemical form, carbon dioxide for extinguisher media.

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## 6 Accidental release measures

Keep working environment in a well ventilated area.

## 7 Handling and storage

7.1 Handling: Do not smoke, keep sources of ignition at a distance.

7.2 Storage: Keep away from sources of ignition. Keep container tightly closed.

## 8 Exposure controls and personal protection

### 8.1 Engineering measures:

Ethylcyclohexane : below 500 Wt ppm

### 8.2 Specific control parameters/ limit values:

Name	CAS-No.	Parameter
Ethylcyclohexane	1678-91-7	should be below 500 Wt ppm
Ethylcyclohexane	1678-91-7	Flash point 19 °C
		Ignition temp. 262 °C
		Explosions- lower 0.9 %
		limit upper 6.6 %
Iso-Parafin	64742-48-9	Flash point 7 °C
		Ignition temp. 200 °C
		Explosions- lower 1.1 %
		limit upper 8.4 %

### 8.3 Personal protective equipment:

Respiratory protection: safety mask  
 Eye protection: goggles  
 Hand protection: gloves  
 Others: apron.

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## 9 Physical and chemical properties

### 9.1 Appearance:

physical state: flammable liquid

colour: Color No. 1-10, 049, 053, 054, 055

odour: aromatic odour

### 9.2 Safety parameters:

pH: n.a.

change in physical state: boiling point: 100.9 °C

melting point: -126.5 °C

flash point: 10 °C

flammability: highly flammable

autoflammability: n.a.

ignition temperature: 200 °C

explosion limits: lower 0.9 %

upper 8.4 %

vapour pressure: 10 mm Hg (25 °C)

relative density: 0.88 - 1.14 g/cm<sup>3</sup>

oxidising properties: n.a.

solubility: in water: insoluble

in fat: soluble

### 9.3 Other data:

## 10 Stability and reactivity

Vapours may catch fire and explode.

## 11 Toxicological information

Iso-Parafin: LD<sub>50</sub> mouse 20.0 g/kg

Ethylcyclohexan: LD<sub>50</sub> rat 47.4 mg/kg

## 12 Ecological information

Reacts vigorously with acids or bases (alkali).

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### 13 Disposal considerations

Speak to a special waste exchange agent

### 14 Transport information

GGVSea/ IMDG-Code: 3268                      IMDG Hazard Class: 3.2 Grade II

Page-No. of IMDG-Code: 3268

UN-No.: 1263

ICAO/ IATA-Code: Class 3, Grade II

Packing instructions for air freight: PAT305, Y305, CAO307

GGVE/ GGVS (Germany): 3.56

RID/ ADR (EC): 3.56

Packing group: II

EmS-No. (Emergency schedule): 3-06

MFAG-table no.: 305

Marking/ label: H (Flammable Liquid)

### 15 Regulatory information

#### 15.1 Classification, packaging and labelling of dangerous substances and preparations according to EC-Directives:

Hazards identification:

R-11: Highly flammable.

S-9: Keep container in a well-ventilated place

S-16: Keep away from sources of ignition – No smoking.

S-29: Do not empty into drains

S-33: Take precautionary measures against static discharges

S-3/7: Keep container tightly closed and on a cold place.

#### 15.2 Further information:

National regulations: n.a.

Marine pollution class: n.a.

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## **16 Other information**

To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used in caution, although certain hazards are described herein, we can not guarantee that these are the hazards which exist.