

Productname : MARKER PEN      Creationdate : 23.12.22 Version : 3.1  
 Ref.Nr.: BDS000907\_3\_20221223 (EN)      Replaces: BDS000907\_20170629

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

### 1.1. Product identifier

**MARKER PEN**  
Bulk

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

Paints

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

**CRC Industries Europe BV**  
 Touwslagerstraat 1  
 9240 Zele  
 Belgium  
 Tel.: +32(0)52/45.60.11  
 Fax.: +32(0)52/45.00.34  
 E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303 0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Laxfiskevägen 16, 433 38 Partille	0046/31 706 84 80	0046/31 27 39 91

### 1.4. Emergency telephone number

**CRC Industries Europe, Belgium:** Tel.: +32(0)52/45.60.11 (office hours: 9-17h pm CET)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

**Physical:** Flammable liquid, category 3  
 Flammable liquid and vapour.

Classification is based on test data.

**Health:** Acute toxicity, category 4



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Harmful in contact with skin.  
 Acute toxicity, category 4  
 Harmful if inhaled.  
 Skin irritation, category 2  
 Causes skin irritation.

Classification based on calculation method.



**Environment:** Not classified

Classification based on calculation method.

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

**Product identifier:** Contains:  
xylene

**Hazard pictogram(s):**  

**Signal word:** Warning

**Hazard statement(s):** H226 : Flammable liquid and vapour.  
H312 : Harmful in contact with skin.  
H332 : Harmful if inhaled.  
H315 : Causes skin irritation.

**Precautionary statement(s):** P102 : Keep out of reach of children.  
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 : Use only outdoors or in a well-ventilated area.  
P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
P302/352 : IF ON SKIN: Wash with plenty of soap and water.  
P312 : Call a POISON CENTER or doctor/physician if you feel unwell.  
P501-2 : Dispose of contents/container to an authorised waste collection point.

**Supplemental Hazard information:** Restricted to professional users.

The label information is reduced in accordance with section 1.5.2 of Annex I (art 29 CLP-regulation)

## 2.3. Other hazards

No information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
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o-xylene [1]	01-2119485822-30	95-47-6	202-422-2 [1]	25-50	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2	H226,H332,H312,H315 A
Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 3',6'-bis(diethylamino)-	01-2120225998-40	509-34-2	208-096-8	0-1	Acute Tox. 4, Eye Irrit. 2, Aquatic Chronic 3	H302,H319,H412

**Explanation notes**

A : substance with Community workplace exposure limit

(\* Explanation phrases : see chapter 16)

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with water for at least 15 minutes Seek medical advice
<b>Contact with skin :</b>	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
<b>Inhalation :</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion :</b>	If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

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

<b>Inhalation :</b>	Harmful by inhalation. Symptoms : sore throat, cough, shortness of breath, headache
<b>Ingestion :</b>	May induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Harmful in contact with skin Repeated exposure may cause skin dryness or cracking. Symptoms : redness and pain
<b>Eye contact :</b>	May cause irritation. Symptoms : redness and pain

**4.3. Indication of any immediate medical attention and special treatment needed**

<b>General Advice :</b>	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

foam, carbon dioxide or dry agent

**5.2. Special hazards arising from the substance or mixture**

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Forms hazardous decomposition products  
CO,CO2

### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes

## SECTION 6: Accidental release measures

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

Shut off all ignition sources  
Use only outdoors or in a well-ventilated area.  
Wear suitable protective clothing and gloves.

### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses  
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

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

Absorb spillage in suitable inert material  
Place in appropriate container

### 6.4. Reference to other sections

For further information see section 8

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat and sources of ignition  
Take precautionary measures against static discharges  
Equipment should be earthed  
Use explosion-proof electrical/ventilating/lighting/.../equipment.  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Use only outdoors or in a well-ventilated area.  
Avoid contact with skin and eyes.  
Wash thoroughly after use  
Wear protective gloves/protective clothing/eye protection/face protection.

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

Keep in a cool, dry, well ventilated place  
Keep out of reach of children.



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### 7.3. Specific end use(s)

Paints

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
o-xylene [1]	95-47-6	TWA	50 ppm
		STEL	100 ppm
<b>National established exposure limits, Ireland</b>			
o-xylene [1]	95-47-6	TWA	50 ppm
		STEL	100 ppm

### 8.2. Exposure controls

<b>Control procedures :</b>	Use only outdoors or in a well-ventilated area. Keep away from heat and sources of ignition Take precautionary measures against static discharges
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product. Do not breathe aerosols or vapours.
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
<b>hands and skin :</b>	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety eyewear according to EN 166.

## SECTION 9: Physical and chemical properties

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

<b>Appearance : physical state :</b>	Liquid.
<b>colour :</b>	Red.
<b>odour :</b>	Aromatic.
<b>pH :</b>	Not applicable.
<b>Melting point/range :</b>	Not applicable.
<b>Boiling point/range :</b>	> 100 °C
<b>flammability:</b>	May form flammable vapour-air mixture



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**Flash point :** 25 °C (Closed Cup)  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** Not available.  
**lower limit :** Not available.  
**Vapour pressure :** Not available.  
**Relative density :** 0.9 Not available.  
**Solubility in water :** Insoluble in water  
**Partition coefficient n-octanol/water:** Not applicable.  
**Auto-ignition :** > 200 °C  
**Viscosity :** Not available.  
**Particle characteristics:** Not applicable.

## 9.2. Other information

**VOC = volatile organic compounds** 47 %

## 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

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO2

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects



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<b>acute toxicity:</b>	Harmful in contact with skin. Harmful if inhaled.
<b>skin corrosion/irritation:</b>	Causes skin irritation.
<b>serious eye damage/irritation:</b>	based on available data the classification criteria are not met
<b>respiratory or skin sensitisation:</b>	based on available data the classification criteria are not met
<b>germ cell mutagenicity:</b>	based on available data the classification criteria are not met
<b>carcinogenicity:</b>	based on available data the classification criteria are not met
<b>toxicity for reproduction:</b>	based on available data the classification criteria are not met
<b>STOT-single exposure:</b>	based on available data the classification criteria are not met
<b>STOT repeated exposure:</b>	based on available data the classification criteria are not met
<b>aspiration hazard:</b>	based on available data the classification criteria are not met

#### Information on likely routes of exposure:

<b>Inhalation :</b>	Harmful by inhalation. Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	Harmful in contact with skin Irritating to skin
<b>Eye contact :</b>	May cause irritation.

#### Toxicological data :

No information available

#### 11.2. Information on other hazards

No information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Not classified

#### Ecotoxicological data:

No information available

#### 12.2. Persistence and degradability

No experimental data available

#### 12.3. Bioaccumulative potential

No experimental data available



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#### 12.4. Mobility in soil

Insoluble in water

#### 12.5. Results of PBT and vPvB assessment

No information available

#### 12.6. Endocrine disrupting properties

No information available

#### 12.7. Other adverse effects

No experimental data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

### SECTION 14: Transport information

#### 14.1. UN number

UN-number : 1263

#### 14.2. UN proper shipping name

Proper shipping name: PAINT

#### 14.3. Transport hazard class(es)

Class: 3  
ADR/RID - Classification code: F1

#### 14.4. Packing group

Packing group: III

#### 14.5. Environmental hazards

ADR/RID - Environmentally  
hazardous: No  
IMDG - Marine pollutant: No  
IATA/ICAO - Environmentally  
hazardous: No





