

Productname : Marker Ball      Creationdate : 29.06.17 Version : 3.0  
 Ref.Nr.: BDS000383\_3\_20170629 (EN)      Replaces: BDS000383\_20150326

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

### 1.1. Product identifier

**Marker Ball**  
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 bvba**  
 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	Laurinkatu 57 A 23 B, 08100 Lohja	+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)

## 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:** Specific target organ toxicity - single exposure, category 3



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**Ref.Nr.:** BDS000383\_3\_20170629 (EN)  
**Creationdate :** 29.06.17 Version : 3.0  
**Replaces:** BDS000383\_20150326

May cause drowsiness or dizziness.

Classification based on calculation method.

**Environment:** Not classified

Classification based on calculation method.

**Other hazards :** Repeated exposure may cause skin dryness or cracking.

**Other hazards :** Not classified

## 2.2. Label elements

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

**Product identifier:** Contains:  
n-butyl acetate

**Hazard pictogram(s):**



**Signal word:** Warning

**Hazard statement(s):** H226 : Flammable liquid and vapour.  
H336 : May cause drowsiness or dizziness.

**Precautionary statement(s):** P102 : Keep out of reach of children.

**Supplemental Hazard information:** Repeated exposure may cause skin dryness or cracking.

## 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
n-butyl acetate	01-2119485493-29	123-86-4	204-658-1	25-50	Flam. Liq. 3, STOT SE 3	H226,H336	

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water for several minutes

Seek medical attention if irritation persists

**Contact with skin :** Wash with water and soap.



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**Ref.Nr.:** BDS000383\_3\_20170629 (EN)  
**Creationdate :** 29.06.17 Version : 3.0  
**Replaces:** BDS000383\_20150326

<b>Inhalation :</b>	Seek medical attention if irritation persists Fresh air, keep warm and at rest.
<b>Ingestion :</b>	Seek medical attention if ill effects occur If swallowed do not induce vomiting Seek medical advice

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

<b>Inhalation :</b>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Mildly irritating to skin Symptoms : redness and pain
<b>Eye contact :</b>	Mildly irritating to eyes 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

May form explosive vapour/air mixtures  
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  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.

#### 6.2. Environmental precautions



**Productname :** Marker Ball      **Creationdate :** 29.06.17 Version : 3.0  
**Ref.Nr.:** BDS000383\_3\_20170629 (EN)      **Replaces:** BDS000383\_20150326

Do not allow to enter public sewers and watercourses

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

Absorb spillage in suitable inert material

### 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.  
 Ensure adequate ventilation  
 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 container tightly closed, in a cool, well ventilated place.  
 Keep out of reach of children.

### 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>National established exposure limits, United Kingdom</b>			
n-butyl acetate	123-86-4	TWA	150 ppm
		STEL	200 ppm

### 8.2. Exposure controls



<b>Productname :</b> Marker Ball	<b>Creationdate :</b> 29.06.17 Version : 3.0
<b>Ref.Nr.:</b> BDS000383_3_20170629 (EN)	<b>Replaces:</b> BDS000383_20150326

<b>Control procedures :</b>	Ensure adequate ventilation 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.
<b>inhalation :</b>	Ensure adequate ventilation In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX) in combination with an oil proof solid and liquid particulate filter
<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:	(polyvinylalcohol)
<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>Apperance : physical state :</b>	Paste.
<b>colour :</b>	See color cap.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	Not applicable.
<b>Boiling point/range :</b>	124 Not available.
<b>Flash point :</b>	27 °C (Closed Cup)
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	7.5 %
<b>lower limit :</b>	1.2 %
<b>Vapour pressure :</b>	107 kPa (@ 20°C).
<b>Relative density :</b>	< 1 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Insoluble in water
<b>Auto-ignition :</b>	370 °C

### 9.2. Other information

<b>VOC = volatile organic compounds</b>	37.2 %
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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



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 Ref.Nr.: BDS000383\_3\_20170629 (EN)      Replaces: BDS000383\_20150326

### 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

<b>acute toxicity:</b>	based on available data the classification criteria are not met
<b>skin corrosion/irritation:</b>	based on available data the classification criteria are not met
<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>	May cause drowsiness or dizziness.
<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>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Skin contact :</b>	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
<b>Eye contact :</b>	May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
n-butyl acetate	123-86-4	LD50 oral rat	10760 mg/kg
		LC50 inhal.rat	> 20 mg/l
		LD50 derm.rabit	> 1400 mg/kg



Productname : Marker Ball  
Ref.Nr.: BDS000383\_3\_20170629 (EN)

Creationdate : 29.06.17 Version : 3.0  
Replaces: BDS000383\_20150326

## SECTION 12: Ecological information

### 12.1. Toxicity

Not classified

### Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
n-butyl acetate	123-86-4	IC50 algae	647 mg/l
		LC50 fish	18 mg/l
		EC50 daphnia	44 mg/l

### 12.2. Persistence and degradability

No experimental data available

### 12.3. Bioaccumulative potential

No experimental data available

### 12.4. Mobility in soil

Insoluble in water

### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

No experimental data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Product :** This material and its container must be disposed of in a safe way.  
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

**National regulations :** Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number



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**Ref.Nr.:** BDS000383\_3\_20170629 (EN)  
**Creationdate :** 29.06.17 Version : 3.0  
**Replaces:** BDS000383\_20150326

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

#### 14.6. Special precautions for user

ADR/RID - Tunnelcode: (D/E)  
IMDG - Ems: F-E, S-D  
IATA/ICAO - PAX: 355  
IATA/ICAO - CAO: 366

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

Not applicable.

### SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information





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\*Explanation hazard statements: H226 : Flammable liquid and vapour.  
H336 : May cause drowsiness or dizziness.

REVISIONS IN CHAPTRE : 8.2. Exposure controls

acronyms and synonyms: TWA = time weight average  
STEL = short time exposure limit  
VOC = volatile organic compounds  
PBT = persistant bioaccumulative toxic  
vPvB = very persitant very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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