

Productname : AQUA PAINT MARKER  
Ref.Nr.: BDS001232\_3\_20120322

Creationdate : 22.03.12 Version : 1.0  
Replaces:

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

### 1.1. Product identifier

AQUA PAINT MARKER  
all fluo colours  
Aerosol

### 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 UK Ltd.  
Ambersil House - Wylids Road  
Castlefield Industrial Estate  
TA6 4DD Bridgwater Somerset  
United Kingdom  
Tel.: +44 1278 727200  
Fax.: +44 1278 425644  
E-mail : hse.uk@crcind.com

### 1.4. Emergency telephone number

(+44)(0)1278 72 7200

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC:

Health:	not classified
Physical:	EXTREMELY FLAMMABLE
Environment:	not classified

### 2.2. Label elements

Warning symbol(s) : EXTREMELY FLAMMABLE



Risk-phrase(s) : None

Safety-phrase(s) : S2: Keep out of the reach of children.

# Ambersil

1 / 9

CRC Industries UK Limited  
Ambersil House, Wylids Road, Castlefield Industrial Estate, Bridgwater,  
Somerset, TA6 4DD  
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 Version : 1.0  
**Replaces:**

S16: Keep away from sources of ignition - No smoking.  
 S23: Do not breathe vapours/spray.  
 S51: Use only in well-ventilated areas.

**Extra label elements according to Aerosol Dispenser Directive 75/324/EC:** Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.  
 Without adequate ventilation formation of explosive mixtures may be possible.

### 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
dimethyl ether	115-10-6	204-065-8	25-50	F+	12	A
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	200-661-7	10-25	F,Xi	11-36-67	B
triethylamine	121-44-8	204-469-4	<0.5	F,C	11-20/21/22-35	A
<b>Explanation notes</b>						
A : substance with Community workplace exposure limit						
B : substance with national established workplace exposure limit						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
dimethyl ether		115-10-6	204-065-8	25-50	Flam. Gas 1,Press. Gas	H220	A
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	10-25	Flam. Liq. 2,Eye Irrit. 2,STOT SE 3	H225,H319,H336	B
triethylamine		121-44-8	204-469-4	<0.5	Flam. Liq. 2,Acute Tox. 4,Acute Tox. 4,Acute Tox. 4,Skin Corr. 1A	H225,H332,H312,H302,H314	A
<b>Explanation notes</b>							
A : substance with Community workplace exposure limit							
B : substance with national established workplace exposure limit							

(\* 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  
 Seek medical attention if irritation persists

**Contact with skin :** Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water



2 / 9

**CRC Industries UK Limited**  
 Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,  
 Somerset, TA6 4DD  
 Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 Version : 1.0  
**Replaces:**

<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 accidentally, do not induce vomiting and 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>	May cause irritation. 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
-------------------------	---

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

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

Aerosols may explode if heated above 50°C  
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 and gloves.

#### 6.2. Environmental precautions

Do not allow to enter public sewers and watercourses



3 / 9

**CRC Industries UK Limited**  
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,  
Somerset, TA6 4DD  
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 Version : 1.0  
**Replaces:**

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.  
 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

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
 Keep in a cool, dry, 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>EU established exposure limits:</b>			
dimethyl ether	115-10-6	TWA	1000 ppm
triethylamine	121-44-8	TWA	2 ppm
		STEL	3 ppm

**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 Version : 1.0  
**Replaces:**

propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
<b>National established exposure limits, United Kingdom</b>			
dimethyl ether	115-10-6	TWA	400 ppm
		STEL	500 ppm

## 8.2. Exposure controls

<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. Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX)
<b>hands and skin :</b>	Wear suitable protective gloves
<b>eyes :</b>	Wear safety goggles.

## SECTION 9: Physical and chemical properties

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

(for aerosols data for the product without propellant)

<b>Apperance : physical state :</b>	DME propelled liquid.
<b>colour :</b>	See color cap.
<b>odour :</b>	Characteristic odor.
<b>pH :</b>	Neutral.
<b>Boiling point/range :</b>	Not available.
<b>Flash point :</b>	- 41 °C
<b>Explosion limits : upper limit :</b>	18.6 %
<b>lower limit :</b>	3.0 %
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.0 g/cm <sup>3</sup> (@ 20°C).
<b>Solubility in water :</b>	Soluble in water
<b>Auto-ignition :</b>	> 200 °C
<b>Viscosity :</b>	30-45 Sec (ASTM CF 4).

### 9.2. Other information

**VOC:** 520 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reactions known if used for its intended purpose

**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 Version : 1.0  
**Replaces:**

## 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

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis Repeated exposure may cause skin dryness or cracking.
<b>Eye contact :</b>	May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	>2000 mg/kg
		LC50 inhal.rat	>20 mg/l
		LD50 derm.rabit	>2000 mg/kg

# SECTION 12: Ecological information

## 12.1. Toxicity

not classified

### Ecotoxicological data:



6 / 9

**CRC Industries UK Limited**  
 Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,  
 Somerset, TA6 4DD  
 Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 Version : 1.0  
**Replaces:**

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	>100 mg/l
		LC50 fish	>100 mg/l
		EC50 daphnia	>100 mg/l

## 12.2. Persistence and degradability

No experimental data available

## 12.3. Bioaccumulative potential

No experimental data available

## 12.4. Mobility in soil

Soluble 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.  
**Contaminated packaging :** Disposal should be in accordance with local, state or national legislation

## SECTION 14: Transport information

### 14.1. UN number

UN-number : 1950

### 14.2. UN proper shipping name

Proper shipping name: AEROSOLS

### 14.3. Transport hazard class(es)

Class: 2.1



7 / 9

**CRC Industries UK Limited**  
Ambersil House, Wylds Road, Castlefield Industrial Estate, Bridgwater,  
Somerset, TA6 4DD  
Tel: +44 (0)1278 727200 Fax: +44 (0)1278 425644 web: www.ambersil.com

Productname : AQUA PAINT MARKER  
Ref.Nr.: BDS001232\_3\_20120322

Creationdate : 22.03.12 Version : 1.0  
Replaces:

ADR/RID - Classification code: 5F

#### 14.4. Packing group

Packing group: Not applicable.

#### 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)  
IMDG - Ems: F-D,S-U  
IATA/ICAO - PAX: 203  
IATA/ICAO - CAO: 203

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 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.  
Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008  
Regulation (EC) No 1907/2006 (REACH)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

\*Explanation risk-phrases: R11: Highly flammable.  
R12: Extremely flammable.  
R35: Causes severe burns.  
R36: Irritating to eyes.  
R67: Vapours may cause drowsiness and dizziness.  
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

\*Explanation hazard statements: H220 : Extremely flammable gas.  
H225 : Highly flammable liquid and vapour.



**Productname :** AQUA PAINT MARKER  
**Ref.Nr.:** BDS001232\_3\_20120322

**Creationdate :** 22.03.12 **Version :** 1.0  
**Replaces:**

H302 : Harmful if swallowed.  
H312 : Harmful in contact with skin.  
H314 : Causes severe skin burns and eye damage.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H336 : May cause drowsiness or dizziness.

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.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.