

Productname : ADHESIVE MP 100  
Ref.Nr.: UDS000282\_3\_20120216

Creationdate : 16.02.12 Version : 1.0  
Replaces: UK10026

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

### 1.1. Product identifier

**ADHESIVE MP 100**  
Aerosol

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

Adhesives

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

CRC Industries UK Ltd.  
Ambersil House - Wylds 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:	R40: Limited evidence of a carcinogenic effect.
Physical:	R12: Extremely flammable. EXTREMELY FLAMMABLE
Environment:	not classified

### 2.2. Label elements

Warning symbol(s) : EXTREMELY FLAMMABLE



Xn : HARMFUL

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<b>Risk-phrase(s) :</b>	R12: Extremely flammable. R40: Limited evidence of a carcinogenic effect.
<b>Safety-phrase(s) :</b>	S2: Keep out of the reach of children. S16: Keep away from sources of ignition - No smoking. S23: Do not breathe vapours/spray. S36/37: Wear suitable protective clothing and gloves. S51: Use only in well-ventilated areas.
<b>Special labelling provisions:</b>	Contains: dichloromethane; methylene chloride
<b>Extra label elements according to Aerosol Dispenser Directive 75/324/EC:</b>	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.

### 2.3. Other hazards

Methylene chloride is classified as carcinogenic Cat.3  
 Excessive inhalation of vapours may give rise to irritation and affect the nervous system  
 May form explosive mixtures with air

## 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
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	30-60	F+	12	K
dichloromethane; methylene chloride	75-09-2	200-838-9	30-60	Xn	40	
butanone; ethyl methyl ketone	78-93-3	201-159-0	0-1	F,Xi	11-36-66-67	A
<b>Explanation notes</b>						
A : substance with Community workplace exposure limit						
K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
dichloromethane; methylene chloride		75-09-2	200-838-9	30-60	Carc. 2	H351	
butanone; ethyl methyl ketone		78-93-3	201-159-0	0-1	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336	A
<b>Explanation notes</b>							
A : substance with Community workplace exposure limit							

(\* Explanation phrases : see chapter 16)

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## 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 plenty of water 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 attention if irritation persists
<b>Inhalation :</b>	Fresh air, keep warm and at rest. If breathing is difficult give oxygen Apply artificial respiration only if patient is not breathing Seek immediate medical attention
<b>Ingestion :</b>	Do not induce vomiting Rinse mouth with water (do not swallow) If swallowed seek medical advice immediately and show this container or label.

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

<b>Inhalation :</b>	May cause irritation. High concentrations may cause narcotic effects. Symptoms : sore throat, cough, shortness of breath, severe breathing difficulties, headache
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : abdominal pain, dizziness, diarrhea, cough, headache
<b>Skin contact :</b>	May cause irritation. Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis 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 any symptoms should occur, seek medical advice. If you feel unwell, seek medical advice (show the label where possible) Methylene chloride is classified as carcinogenic Cat.3 In case of repeated exposures, regular medical examination is advised
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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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Aerosols may explode if heated above 50°C  
Forms hazardous decomposition products  
CO,CO<sub>2</sub>,HCl  
chlorinated compounds

### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes  
Substance evolves toxic fumes, wear self-contained breathing apparatus

## 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

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

Absorb spillage in suitable inert material  
Wash spill site with water and detergent

### 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.



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

### 7.3. Specific end use(s)

Adhesives

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
butanone; ethyl methyl ketone	78-93-3	TWA	200 ppm
		STEL	300 ppm
<b>National established exposure limits, United Kingdom</b>			
dichloromethane; methylene chloride	75-09-2	TWA	100 ppm
		STEL	300 ppm
butanone; ethyl methyl ketone	78-93-3	TWA	200 ppm
		STEL	300 ppm

### 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition
<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.
<b>hands and skin :</b>	Wear suitable protective gloves (butyl rubber)
<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>	Propane/butane propelled liquid.
<b>colour :</b>	Brown.
<b>odour :</b>	Solvent.
<b>pH :</b>	Not applicable.
<b>Boiling point/range :</b>	40 °C
<b>Flash point :</b>	None



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<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	19 %
<b>lower limit :</b>	1.8 %
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.22 g/cm <sup>3</sup> (@ 25°C).
<b>Solubility in water :</b>	Partly soluble in water
<b>Auto-ignition :</b>	605 °C
<b>Viscosity :</b>	Not available.

## 9.2. Other information

# 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

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
Avoid overheating

## 10.5. Incompatible materials

Strong oxidising agent

## 10.6. Hazardous decomposition products

CO,CO<sub>2</sub>,HCl  
traces of chlorine and phogene

# SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Limited evidence of a carcinogenic effect

<b>Inhalation :</b>	May cause irritation. High concentrations may cause narcotic effects.
<b>Ingestion :</b>	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
<b>Skin contact :</b>	May cause irritation.



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**Eye contact :** Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis  
May cause irritation.

**Toxicological data :**

Hazardous ingredient	CAS-nr.	method	
butanone; ethyl methyl ketone	78-93-3	LD50 oral rat	>2000 mg/kg

May cause damage to organs through prolonged or repeated exposure .  
Methylene chloride is classified as carcinogenic Cat.3

**SECTION 12: Ecological information****12.1. Toxicity**

not classified

**Ecotoxicological data:**

No information available

**12.2. Persistence and degradability**

No information available

**12.3. Bioaccumulative potential**

No information available

**12.4. Mobility in soil**

Partly soluble in water

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

No information available

**12.6. Other adverse effects**

No information available

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

**Product :** This material and its container must be disposed of in a safe way.



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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, toxic, flammable

### 14.3. Transport hazard class(es)

Class: 2.1  
Subsidiary risk: 6.1  
ADR/RID - Classification code: 5TF

### 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

IMDG - Ems: F-D,S-U

### 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 1907/2006 (REACH)



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## 15.2. Chemical safety assessment

No information available

## SECTION 16: Other information

\*Explanation risk-phrases: R11: Highly flammable.  
R12: Extremely flammable.  
R36: Irritating to eyes.  
R40: Limited evidence of a carcinogenic effect.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

\*Explanation hazard statements: H225 : Highly flammable liquid and vapour.  
H319 : Causes serious eye irritation.  
H336 : May cause drowsiness or dizziness.  
H351 : Suspected of causing cancer .

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.