

Productname : SPATTER RELEASE **Creationdate :** 09.01.15 Version : 1.0
Ref.Nr.: UDS000432_3_20150109 (EN) **Replaces:** UDS000432_20120530

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

1.1. Product identifier

SPATTER RELEASE
Aerosol

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

Welding Products

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 Regulation (EC) No 1272/2008

Physical:	Aerosol, category 3 Pressurised container: May burst if heated.
Health:	Skin irritation, category 2 Causes skin irritation. Eye irritation, category 2 Causes serious eye irritation. Carcinogenicity, category 2 Suspected of causing cancer . Specific target organ toxicity - single exposure, category 3 May cause respiratory irritation. May cause drowsiness or dizziness. Specific Target Organ Toxicity - Repeated Exposure Category 2 May cause damage to organs through prolonged or repeated exposure .

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Environment: Not classified

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

Xn : HARMFUL

Health: R40: Limited evidence of a carcinogenic effect.

Physical: Not classified

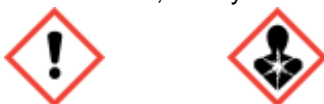
Environment: Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier: Contains:
dichloromethane; methylene chloride

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s): H229 : Pressurised container: May burst if heated.
H315 : Causes skin irritation.
H319 : Causes serious eye irritation.
H351 : Suspected of causing cancer .
H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.
H373 : May cause damage to organs through prolonged or repeated exposure

Precautionary statement(s): P102 : Keep out of reach of children.
P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 : Do not spray on an open flame or other ignition source.
P251 : Do not pierce or burn, even after use.
P260 : Do not breathe dust/fume/gas/mist/vapours/spray.
P281 : Use personal protective equipment as required.
P308/313 : IF exposed or concerned: Get medical advice/attention.
P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501-2 : Dispose of contents/container to an authorised waste collection point.

2.3. Other hazards

Methylene chloride is classified as carcinogenic Cat.2
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.

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3.2. Mixtures

Hazardous ingredient	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
dichloromethane; methylene chloride	75-09-2	200-838-9	60-100	Xn	40	
carbon dioxide	124-38-9	204-696-9	1-10	-	-	A,G
Explanation notes						
A : substance with Community workplace exposure limit						
G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006						

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
dichloromethane; methylene chloride	01-2119480404-41	75-09-2	200-838-9	60-100	Skin Irrit. 2, Eye Irrit. 2, Carc. 2, STOT SE 3, STOT RE 2	H315,H319,H351,H335,H336,H373	
carbon dioxide		124-38-9	204-696-9	1-10	Press. Gas	H280	A,G
Explanation notes							
A : substance with Community workplace exposure limit							
G : exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006							

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes :	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Contact with skin :	Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Inhalation :	IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing is difficult give oxygen Apply artificial respiration only if patient is not breathing IF exposed or concerned: Get medical advice/attention.
Ingestion :	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

Inhalation :	Irritating to respiratory system High concentrations may cause narcotic effects. Symptoms : sore throat, cough, shortness of breath, severe breathing difficulties, headache
Ingestion :	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : abdominal pain, dizziness, diarrhea, cough, headache
Skin contact :	Irritating to skin

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Eye contact : Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Symptoms : redness and pain
Irritating to eyes
Symptoms : redness and pain

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

General Advice : 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.2
In case of repeated exposures, regular medical examination is advised

SECTION 5: Firefighting measures

5.1. Extinguishing media

water, 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,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

Evacuate area.
Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Stop leak if safe to do so.
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

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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
 Do not spray on a naked flame or incandescent material.
 Do not pierce or burn aerosols, even after use.
 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.
 Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
 Store in a well-ventilated place. Keep container tightly closed.
 Keep out of reach of children.

7.3. Specific end use(s)

Welding Products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
carbon dioxide	124-38-9	TWA	5000 ppm
National established exposure limits, United Kingdom			
carbon dioxide	124-38-9	TWA	5000 ppm
		STEL	15000 ppm
dichloromethane; methylene chloride	75-09-2	TWA	100 ppm
		STEL	300 ppm

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8.2. Exposure controls

Control procedures : Ensure adequate ventilation
Keep away from heat and sources of ignition

Personal protection : Wear protective gloves/protective clothing/eye protection/face protection.
Ensure adequate ventilation

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.

hands and skin : Wear suitable protective gloves against chemicals

Recommended gloves: (butyl rubber)

eyes : 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)

Apperance : physical state : Liquid under pressure.

colour : Colourless to yellow.

odour : Characteristic odor.

pH : Not applicable.

Boiling point/range : 40 °C

Flash point : None

Evaporation rate : Not available.

Explosion limits : upper limit : 19 %

lower limit : 12 %

Vapour pressure : Not available.

Relative density : 1.293 g/cm³ (@ 20°C).

Solubility in water : Partly soluble in water

Auto-ignition : 605 °C

Viscosity : 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

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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,CO₂,HCl
traces of chlorine and phogene

SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity: Limited evidence of a carcinogenic effect

Information on likely routes of exposure:

Inhalation : Irritating to respiratory system
High concentrations may cause narcotic effects.

Ingestion : After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.

Skin contact : Irritating to skin
Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

Eye contact : Irritating to eyes

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
dichloromethane; methylene chloride	75-09-2	LD50 oral rat	> 2000 mg/kg
		LD50 derm.rat	> 2000 mg/kg

May cause damage to organs through prolonged or repeated exposure .
Methylene chloride is classified as carcinogenic Cat.2

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

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Hazardous ingredient	CAS-nr.	method	
dichloromethane; methylene chloride	75-09-2	IC50 algae	> 662 mg/l
		LC50 fish	193 mg/l
		EC50 daphnia	480 mg/l

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. 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: 2.2
Subsidiary risk: 6.1

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ADR/RID - Classification code: 5T

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. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.
EU-directive 99/45/EC
Regulation (EC) No 1272/2008 (CLP)
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation risk-phrases: R40: Limited evidence of a carcinogenic effect.
*Explanation hazard statements: H280 : Contains gas under pressure; may explode if heated.
H315 : Causes skin irritation.
H319 : Causes serious eye irritation.
H335 : May cause respiratory irritation.
H336 : May cause drowsiness or dizziness.
H351 : Suspected of causing cancer .
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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.