

Safety Data Sheet Regulation EC No 1907/2006 Art.31

Productname : URETHANE ISOLATION|CLEAR **Creationdate :** 02.01.12 **Version :** 1.0
Ref.Nr.: BDS001057_3_20120102 **Replaces:** AB13700

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

1.1. Product identifier

URETHANE ISOLATION Clear
Aerosol

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

Anti Corrosion Products

1.3. Details of the supplier of the safety data sheet

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CRC Industries France	6, avenue du marais, B.P. 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	Kryptogatan 14, 431 53 Mölndal	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 67/548/EEC or 1999/45/EC:

Health:	R66: Repeated exposure may cause skin dryness or cracking.
Physical:	EXTREMELY FLAMMABLE
Environment:	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Warning symbol(s) :



Risk-phrase(s) :

Safety-phrase(s) :

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2.2. Label elements

EXTREMELY FLAMMABLE

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapours/spray.

S35: This material and its container must be disposed of in a safe way.

S51: Use only in well-ventilated areas.

Special labelling provisions: Contains isocyanates. See information supplied by the manufacturer.

Extra label elements according Pressurised container: protect from sunlight and do not expose to temperatures to **Aerosol Dispenser Directive** exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a **75/324/EC:** naked flame or any incandescent material.

Without adequate ventilation formation of explosive mixtures may be possible.

Other extra label elements: Remark: Preparations classified as harmful on the basis of an aspiration hazard need not be labelled as harmful with R65 when placed on the market in aerosol



containers or in containers fitted with a sealed spray attachment. (EUDirective 67/548 Annex VI 9.4)

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
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	68512-91-4	270-990-9	25-50	F+	12	K
Naphtha (petroleum), hydrotreated heavy	64742-48-9	265-150-3	10-25	Xn	10-65-66	B,P
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	919-857-5	10-25	Xn	10-65-66-67	
Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane	-	921-024-6	5-10	F,Xn,N	11-38-51/53-65-67	

Explanation notes
 B : substance with national established workplace exposure limit
 K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

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P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)

Hazardous ingredient	Registration number	CASnr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	01-211946325833	-	919-857-5	10-25	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3	H226,H304,H336	
Hydrocarbons, C6-C7, nalkanes,isoalkanes,cyclics,< 5% nhexane	01-211947551435	-	921-024-6	5-10	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H315,H336,H304,H411	

(* 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 :	Wash with water and soap. Seek medical attention if irritation persists
Inhalation :	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion :	Ingestion is unlikely to occur 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

Inhalation :	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	May cause irritation. Symptoms : redness and pain
Eye contact :	May cause irritation. Symptoms : redness and pain

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

General Advice :	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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Aerosols may explode if heated above 50°C

5.3. Advice for firefighters

Forms hazardous decomposition products
CO,CO2

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

SECTION 7: Handling and storage

6.4. R

7.1. Precautions for safe handling

Keep away from heat and sources of ignition

For further information see section 8
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.

7.2. Conditions for safe storage, including any incompatibilities

Wash thoroughly after use
Wear protective gloves/protective clothing/eye protection/face protection.

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C. Keep
out of reach of children.

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7.3. Specific end use(s)

Anti Corrosion Products

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits :**

No information available

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with organic gas/vapor cartridge (type A or AX)
hands and skin :	Wear suitable protective gloves (nitrile)
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 :	Propane/butane propelled liquid.
colour :	Colourless to yellow.
odour :	Solvent.
pH :	Not applicable.
Boiling point/range :	Not available.
Flash point :	< 0 °C (Closed Cup)
Evaporation rate :	Not available.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	0.825 g/cm ³ (@ 20°C).
Solubility in water :	Insoluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not applicable.

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9.2. Other information

VOC: 565 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

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

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
Skin contact :	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Eye contact :	May cause irritation.
Stable	

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	LD50 oral rat	> 2000 mg/kg

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LD50 derm.rabit > 2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Hazardous ingredient	CAS-nr.	method	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	IC50 algae	> 1000 mg/l
		LC50 fish	> 1000 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

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

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecotoxicological data:

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UN-number : 1950



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ADR/RID - Classification code: 5F

14.4. Packing group

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.

14.2. UN proper shipping name

Proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es)

Class: 2.1

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.

15.2. Chemical safety assessment

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

No information available



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SECTION 16: Other information

*Explanation risk-phrases: R10: Flammable.

R11: Highly flammable.

R12: Extremely flammable.

R38: Irritating to skin.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

*Explanation hazard statements: H225 : Highly flammable liquid and vapour.

H226 : Flammable liquid and vapour.

H304 : May be fatal if swallowed and enters airways.

H315 : Causes skin irritation.

H336 : May cause drowsiness or dizziness.

H411 : Toxic to aquatic life with long lasting effects.

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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