Regulation EC No 1907/2006 Art.31

Productname: Urethan 71

**Ref.Nr.:** BDS001058\_3\_20130508

Creationdate : Replaces:

08.05.13 Version : 2.0 BDS001058\_20120102

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

#### 1.1. Product identifier

**Urethan 71** 

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

CRC Industries Europe byba 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	Asemanrinne 13, 08500 Lohja	+358/(19)32.921	+358/(19)383.676
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 INDUSTR. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Kryptongatan 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.

R67: Vapours may cause drowsiness and dizziness.



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Physical: **EXTREMELY FLAMMABLE** 

**Environment:** R52/53: Harmful to aquatic organisms, may cause long-term adverse effects

in the aquatic environment.

#### 2.2. Label elements

hydrocarbons

Warning symbol(s): EXTREMELY FLAMMABLE

Risk-phrase(s): 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.

R67: Vapours may cause drowsiness and dizziness.

Safety-phrase(s): 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:

Extra label elements according to Aerosol **Dispenser Directive** 

Pressurised container: protect from sunlight and do not expose to

Contains isocyanates. See information supplied by the manufacturer.

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.

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.

(EU-Directive 67/548 Annex VI 9.4)

#### 2.3. Other hazards

75/324/EC:

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-	68512-91-	270-990-	25-50	F+	12	K,G



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butadiene < 0.1%)	4	9				
Naphtha (petroleum), hydrotreated heavy	64742-48- 9	265-150- 3	10-25	Xn	10-65-66	В,Р
Naphtha (petroleum), hydrotreated heavy	64742-48- 9	919-857- 5			10-65-66-67	В
Naphtha (petroleum), hydrotreated light	64742-49- 0	921-024- 6	5-10	F,Xn,N	11-38-51/53-65- 67	В

#### **Explanation notes**

B: substance with national established workplace exposure limit

G: exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006

K: not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

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

Hazardous ingredient	Registration number	CAS- nr.	EC- nr		Hazard Class and Category	Hazard statement	Notes
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	-	68512- 91-4	270- 990-9	25- 50	Press. Gas, Flam. Gas 1	H280,H220	K,G
Naphtha (petroleum), hydrotreated heavy	01- 2119463258- 33	64742- 48-9	919- 857-5	10- 25	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3	H226,H304,H336	В
Naphtha (petroleum), hydrotreated light	01- 2119475514- 35	64742- 49-0	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	В

#### **Explanation notes**

B: substance with national established workplace exposure limit

G: exempted from the obligation to register in accordance with art.2(7)(a)of REACH Regulation No 1907/2006

K: not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

## 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: 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.



<sup>(\*</sup> Explanation phrases : see chapter 16)

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Symptoms: sore throat, abdominal pain, nausea, vomiting

Skin contact: May cause irritation.

Symptoms: redness and pain

Eve 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

# 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 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

## 6.4. Reference to other sections



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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 out of reach of children.

## 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

Ensure adequate ventilation Control procedures :

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 equiped with organic gas/vapor cartridge (type A or

AX)



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hands and skin: Wear suitable protective gloves against chemicals

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)

Propane/butane propelled liquid. Apperance : physical state :

colour : Colourless to yellow.

odour : Solvent. : Hg Not applicable. Boiling point/range: Not available. Flash point: < 0 °C (Closed Cup) Evaporation rate: Not available.

Explosion limits: upper limit: Not available. Not available. lower limit: Vapour pressure: Not available.

0.825 g/cm3 (@ 20°C). Relative density: Solubility in water: Insoluble in water

Auto-ignition: > 200 °C Viscosity: Not applicable.

#### 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

Stable

## 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

# 10.4. Conditions to avoid

Avoid overheating



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## 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  Repeated exposure may cause skin dryness or cracking.
Eye contact :	May cause irritation.

## Toxicological data:

Hazardous ingredient	CAS-nr.	method	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	LD50 oral rat	> 2000 mg/kg
		LD50 derm.rabit	> 2000 mg/kg
Naphtha (petroleum), hydrotreated light	64742-49-0	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 25000 mg/m3
		LD50 derm.rat	> 2000 mg/kg

# **SECTION 12: Ecological information**

# 12.1. Toxicity

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

# Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
Naphtha (petroleum), hydrotreated heavy	64742-48-9	IC50 algae	> 1000 mg/l
		LC50 fish	> 1000 mg/l
Naphtha (petroleum), hydrotreated light	64742-49-0	LC50 fish	> 10 mg/l



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EC50 daphnia

3 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.

National regulations: 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 ADR/RID - Classification code: 5F

# 14.4. Packing group



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Packing group: Not applicable.

#### 14.5. Environmental hazards

ADR/RID - Environmentally No hazardous: IMDG - Marine pollutant: No IATA/ICAO - Environmentally No hazardous:

#### 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 1907/2006 (REACH)

## 15.2. Chemical safety assessment

No information available

# 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.



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\*Explanation hazard statements: H220: Extremely flammable gas.

H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour.

H280: Contains gas under pressure; may explode if heated.

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.

**REVISIONS IN CHAPTRE:** Classification according to 67/548/EEC or 1999/45/EC:

2.2. Label elements

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 quarantee any specific properties.

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