

Productname : Urethane Isolation Creationdate : 27.02.19 Version : 4.0
Ref.Nr.: BDS001076_3_20190227 (EN) Replaces: BDS001076_20170629

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

1.1. Product identifier

Urethane Isolation
Bulk

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 bvba
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	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
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 INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Laxfiskevägen 16, 433 38 Partille	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 Regulation (EC) No 1272/2008

Physical: Flammable liquid, category 3
Flammable liquid and vapour.

Classification is based on test data.

Health: Acute toxicity, category 4



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Harmful if inhaled.
 Specific Target Organ Toxicity - Repeated Exposure Category 2
 Causes damage to organs through prolonged or repeated exposure.




Classification based on calculation method.

Environment: Not classified
 Classification based on calculation method.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier: Contains:
 Stoddard solvent; Low boiling point naphtha - unspecified

Hazard pictogram(s):   

Signal word: Danger

Hazard statement(s): H226 : Flammable liquid and vapour.
 H332 : Harmful if inhaled.
 H372 : Causes 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.
 P260 : Do not breathe dust/fume/gas/mist/vapours/spray.
 P312 : Call a POISON CENTER or doctor/physician if you feel unwell.
 P501-2 : Dispose of contents/container to an authorised waste collection point.

Supplemental Hazard information: Contains:
 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime
 May produce an allergic reaction.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Stoddard solvent; Low boiling point naphtha - unspecified	01-2120261965-45	8052-41-3	232-489-3	25-50	Asp. Tox. 1, STOT RE 1	H304,H372	B,P
2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime	01-2119539477-	96-29-7	202-496-6	<1	Carc. 2, Acute Tox. 4, Eye Dam. 1. Skin Sens. 1	H351,H312,H318,H317	B

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ketone oxime	28						
1,2,4-trimethylbenzene	01-2119472135-42	95-63-6	202-436-9	<2.5	Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 2	H226,H332,H315,H319,H335,H411	A

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

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

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures**4.1. Description of first aid measures**

Contact with eyes :	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice If eye irritation persists: Get medical advice/attention.
Contact with skin :	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
Inhalation :	IF INHALED: Apply artificial respiration only if patient is not breathing Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion :	If swallowed accidentally, do not induce vomiting and seek medical advice.

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

Inhalation :	Harmful by inhalation. Symptoms : sore throat, cough, shortness of breath, headache
Ingestion :	May induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	May cause sensitization by skin contact. Symptoms : redness and pain
Eye contact :	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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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
Use only outdoors or in a well-ventilated area.
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
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

Use explosion-proof electrical/ventilating/lighting/.../equipment.
Use only non-sparking tools.
Do not breathe aerosols or vapours.
Use only outdoors or in a well-ventilated area.
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

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

7.3. Specific end use(s)



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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
1,2,4-trimethylbenzene	95-63-6	TWA	20 ppm
National established exposure limits, Ireland			
Stoddard solvent; Low boiling point naphtha - unspecified	8052-41-3	TWA	100 ppm
		STEL	125 ppm
2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime	96-29-7	TWA	3 ppm
		STEL	10 ppm

8.2. Exposure controls

Control procedures :	Use only outdoors or in a well-ventilated area. 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. Do not breathe aerosols or vapours.
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
hands and skin :	When handling the product wear chemical-resistant gloves (standard EN 374).
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state :	Liquid.
colour :	Red.
odour :	Solvent.
pH :	Not applicable.
Boiling point/range :	Not available.
Flash point :	36 °C (Closed Cup)
Evaporation rate :	Not available.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	0.92 g/cm ³ (@ 20°C).
Solubility in water :	Insoluble in water



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Auto-ignition : > 200 °C
Viscosity : 111 mPa.s (@ 20°C).

9.2. Other information

VOC = volatile organic compounds 740 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

10.5. Incompatible materials

alkali metals
alkaline earth metals
metal salts

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity: Harmful if inhaled.
skin corrosion/irritation: based on available data the classification criteria are not met
serious eye damage/irritation: based on available data the classification criteria are not met
respiratory or skin sensitisation: based on available data the classification criteria are not met
germ cell mutagenicity: based on available data the classification criteria are not met
carcinogenicity: based on available data the classification criteria are not met
toxicity for reproduction: based on available data the classification criteria are not met



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STOT-single exposure: based on available data the classification criteria are not met
STOT repeated exposure: Causes damage to organs through prolonged or repeated exposure.
aspiration hazard: based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation : Harmful by inhalation.
Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion : May cause gastrointestinal disturbances
Skin contact : May cause sensitization by skin contact.
Eye contact : May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime	96-29-7	LD50 oral rat	2326 mg/kg
		LD50 derm.rabit	1000 mg/kg

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

Not classified

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime	96-29-7	IC50 algae	11.8 mg/l
		LC50 fish	> 100 mg/l
		EC50 daphnia	201 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



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12.6. Other adverse effects

No experimental data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number

UN-number : 1263

14.2. UN proper shipping name

Proper shipping name: PAINT

14.3. Transport hazard class(es)

Class: 3
ADR/RID - Classification code: F1

14.4. Packing group

Packing group: III

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/E)
IMDG - Ems: F-E, S-D
IATA/ICAO - PAX: 355
IATA/ICAO - CAO: 366

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.



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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.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: H226 : Flammable liquid and vapour.
H304 : May be fatal if swallowed and enters airways.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H332 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H351 : Suspected of causing cancer .
H372 : Causes damage to organs through prolonged or repeated exposure.
H411 : Toxic to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE : Labelling according to Regulation (EC) No 1272/2008

acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistant bioaccumulative toxic
vPvB = very persitant very bioaccumulative

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.