



Ref.Nr.: BDS001059_3_20190227 (EN) Replaces: BDS001059_20170629

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

1.1. Product identifier

Urethane Isolation
Aerosol

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Causes skin irritation.
Specific target organ toxicity - single exposure, category 3
May cause drowsiness or dizziness.
Specific Target Organ Toxicity - Repeated Exposure Category 2
Causes damage to organs through prolonged or repeated exposure.




Classification based on calculation method.

Environment: Hazardous to the aquatic environment, chronic category 3
Harmful to aquatic life with long lasting effects.

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):	H222 : Extremely flammable aerosol. H229 : Pressurised container: May burst if heated. H315 : Causes skin irritation. H336 : May cause drowsiness or dizziness. H372 : Causes damage to organs through prolonged or repeated exposure. H412 : Harmful to aquatic life with long lasting effects.
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. P271 : Use only outdoors or in a well-ventilated area. P314 : Get medical advice/attention if you feel unwell. 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.
Supplemental Hazard information:	None

2.3. Other hazards

No information available

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

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CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours) Health: Skin irritation, category 2

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical: Aerosols, category 1
Extremely flammable aerosol.
Pressurised container: May burst if heated.

Classification is based on test data.

Hazardous ingredient	Registration number	CASnr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3butadiene < 0.1%)	01-211948592620	68512-91-4	270-990-9	25-50	Press. Gas, Flam. Gas 1	H280,H220	K,G
Stoddard solvent; Low boiling point naphtha - unspecified	01-212026196545	8052-41-3	232-489-3	10-25	Asp. Tox. 1, STOT RE 1	H304,H372	B,P
Hydrocarbons, C6-C7, nalkanes,isoalkanes,cyclics,< 5% nhexane	01-211947551435	-	(921-024-6)	<20	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H315,H336,H304,H411	B,Q

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

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3.2. Mixtures

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	01-211946325833	-	(919-857-5)	1-5	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3	H226,H304,H336	B,Q
1,2,4-trimethylbenzene	01-211947213542	95-63-6	202-436-9	<1	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
G : exempted from the obligation to register in accordance with art.2(7)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)
Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.

(* 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
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.
Call a POISON CENTER or doctor/physician if you feel unwell.
- 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.



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__Symptoms : sore throat, abdominal pain, nausea, vomiting

Skin contact : Irritating to skin
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

SECTION 5: Firefighting measures

5.1. Extinguishing media

from carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Aerosols may explode if heated above 50°C
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

6.2. Environmental precautions

Ensure adequate ventilation
Wear suitable protective clothing and gloves.

Do not allow to enter public sewers and watercourses

6.3. Methods and material for containment and cleaning up

6.4. Reference to other sections

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

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Absorb spillage in suitable inert material

For further information see section 8

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SECTION 7: Handling and storage

7.2. Conditions for safe storage, including any incompatibilities

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.

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)

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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

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. In all cases handle and use the product in accordance with good industrial hygiene practices. Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.

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recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type AX)
hands and skin :	When handling the product wear chemical-resistant gloves (standard EN 374). Use a reusable glove with a minimum breakthrough time of 30 minutes. The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.
Environmental protection:	Avoid release to the environment. Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

Appearance : physical state :	Propane/butane propelled liquid.
colour :	Red.
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 :	0.84 g/cm ³ (@ 20°C).
Solubility in water :	Insoluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not applicable.

9.2. Other information

VOC = volatile organic compounds	622 g/l
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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

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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

acute toxicity: based on available data the classification criteria are not met **skin**

corrosion/irritation: Causes skin irritation.

serious eye damage/irritation: based on available data the classification criteria are not met

respiratory or skin based on available data the classification criteria are not met

sensitisation: 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

STOT-single exposure: May cause drowsiness or dizziness.

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 :	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 :	Irritating to skin
Eye contact :	May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	LD50 oral rat	>5000 mg/kg
		LC50 inhal.rat	4951 mg/m3
		LD50 derm.rabit	>5000 mg/kg
Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane	-	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 25000 mg/m3
		LD50 derm.rat	> 2000 mg/kg

12.1. Toxicity

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SECTION 12: Ecological information

Hazardous to the aquatic environment, chronic category 3 Harmful to aquatic life with long lasting effects.

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	-	LC50 fish	> 10 mg/l
		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

12.6. Other adverse effects

No experimental data available
GWP (global warming potential): 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number

UN-number : 1950

No information available

14.2. UN proper shipping name

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Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

Class: 2.1
ADR/RID - Classification code: 5F

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

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.

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

Not applicable.

Regulation (EC) No 1907/2006 (REACH)

Regulation (EC) No 1272/2008 (CLP)

Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

15.2. Chemical safety assessment

SECTION 16: Other information

*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.

No information available

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H304 : May be fatal if swallowed and enters airways.

H315 : Causes skin irritation.

H319 : Causes serious eye irritation.

H332 : Harmful if inhaled.

H335 : May cause respiratory irritation.

H336 : May cause drowsiness or dizziness.

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.

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