

Productname : SILISOL 73  
Ref.Nr.: BDS000967\_3\_20170629 (EN)

Creationdate : 29.06.17 Version : 4.0  
Replaces: BDS000967\_20150731

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

### 1.1. Product identifier

**SILISOL 73**  
Bulk

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

Paints

### 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	Laurinkatu 57 A 23 B, 08100 Lohja	+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 2  
Highly flammable liquid and vapour.



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Classification is based on test data.

**Health:** Skin sensitization, category 1  
May cause an allergic skin reaction.  
Reproductive toxicity, category 2  
Suspected of damaging the unborn child.

Classification based on calculation method.

**Environment:** Not classified

Classification based on calculation method.

**Other hazards :** Not classified

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

**Product identifier:** Contains:  
toluene  
trimethoxy(methyl)silane

**Hazard pictogram(s):**



**Signal word:** Danger

**Hazard statement(s):** H225 : Highly flammable liquid and vapour.  
H317 : May cause an allergic skin reaction.  
H361D-1 : Suspected of damaging the unborn child.

**Precautionary statement(s):** P102 : Keep out of reach of children.  
P201 : Obtain special instructions before use.  
P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 : Keep container tightly closed.  
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.  
P281 : Use personal protective equipment as required.  
P308/313 : IF exposed or concerned: Get medical advice/attention.  
P405 : Store locked up.  
P501-2 : Dispose of contents/container to an authorised waste collection point.

## 2.3. Other hazards

No information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixtures



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Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
octamethyltrisiloxane	01-2119970219-31	107-51-7	203-497-4	50-75	Flam. Liq. 3	H226	
trimethoxy(methyl)silane	01-2119517436-40	1185-55-3	214-685-0	1-10	Flam. Liq. 2, Skin Sens. 1	H225,H317	
toluene	01-2119471310-51	108-88-3	203-625-9	1-5	Flam. Liq. 2, Repr. 2, Asp. Tox. 1, STOT RE 2, Skin Irrit. 2, STOT SE 3	H225,H361d,H304,H373,H315,H336	A
<b>Explanation notes</b>							
A : substance with Community workplace exposure limit							

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Contact with eyes :</b>	If substance has got into eyes, immediately wash out with water for at least 15 minutes Seek medical advice
<b>Contact with skin :</b>	Remove contaminated clothing immediately and wipe affected skin with dry cloth. Then wash with soap and water Seek medical advice
<b>Inhalation :</b>	Fresh air, keep warm and at rest. Seek medical advice
<b>Ingestion :</b>	Rinse mouth with water (do not swallow) Do not give patient anything to drink Do not induce vomiting Seek medical advice

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

<b>Inhalation :</b>	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	May cause sensitization by skin contact. Symptoms : redness and pain
<b>Eye contact :</b>	May cause irritation. Symptoms : redness and pain

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

<b>General Advice :</b>	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



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### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

### 5.2. Special hazards arising from the substance or mixture

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 including eye/face protection.

### 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  
This material and/or its container must be disposed of as hazardous waste.

### 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  
Use only non-sparking tools.  
Do not breathe aerosols or vapours.  
Ensure adequate ventilation



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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 container tightly closed, in a cool, well ventilated place.  
Keep out of reach of children.

## 7.3. Specific end use(s)

Paints

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
toluene	108-88-3	TWA	50 ppm
		STEL	100 ppm
<b>National established exposure limits, United Kingdom</b>			
toluene	108-88-3	TWA	50 ppm
		STEL	100 ppm

## 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation Keep away from heat and sources of ignition
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product.
<b>inhalation :</b>	Ensure adequate ventilation
recommended respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment. Air purifying respirator equipped with organic gas/vapor cartridge (type A)
<b>hands and skin :</b>	When handling the product wear chemical-resistant gloves (standard EN 374). 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
<b>eyes :</b>	Wear safety eyewear according to EN 166.

# SECTION 9: Physical and chemical properties



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### 9.1. Information on basic physical and chemical properties

**Appearance : physical state :** Liquid.  
**colour :** Colorless.  
**odour :** Solvent.  
**pH :** Not applicable.  
**Boiling point/range :** Not available.  
**Flash point :** 16 °C (Closed Cup)  
**Evaporation rate :** Not available.  
**Explosion limits : upper limit :** Not available.  
**lower limit :** Not available.  
**Vapour pressure :** Not available.  
**Relative density :** 0.88 g/cm<sup>3</sup> (@ 20°C).  
**Solubility in water :** Insoluble in water  
**Auto-ignition :** > 200 °C  
**Viscosity :** 1000 CST<sub>25</sub>

### 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

Avoid overheating

### 10.5. Incompatible materials

Strong oxidising agent

### 10.6. Hazardous decomposition products

CO,CO<sub>2</sub>



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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>acute toxicity:</b>	based on available data the classification criteria are not met
<b>skin corrosion/irritation:</b>	based on available data the classification criteria are not met
<b>serious eye damage/irritation:</b>	based on available data the classification criteria are not met
<b>respiratory or skin sensitisation:</b>	May cause an allergic skin reaction.
<b>germ cell mutagenicity:</b>	based on available data the classification criteria are not met
<b>carcinogenicity:</b>	based on available data the classification criteria are not met
<b>toxicity for reproduction:</b>	Suspected of damaging the unborn child.
<b>STOT-single exposure:</b>	based on available data the classification criteria are not met
<b>STOT repeated exposure:</b>	based on available data the classification criteria are not met
<b>aspiration hazard:</b>	based on available data the classification criteria are not met

### Information on likely routes of exposure:

<b>Inhalation :</b>	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	May cause sensitization by skin contact.
<b>Eye contact :</b>	May cause irritation.

### Toxicological data :

Hazardous ingredient	CAS-nr.	method	
octamethyltrisiloxane	107-51-7	LD50 oral rat	> 2000 mg/kg
		LC50 inhal.rat	> 2350 ppm
		LD50 derm.rat	> 2000 mg/kg
toluene	108-88-3	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	28.1 mg/l
		LD50 derm.rabit	> 5000 mg/kg
trimethoxy(methyl)silane	1185-55-3	LD50 oral rat	12.3 mg/kg
		LC50 inhal.rat	> 42.1 mg/l
		LD50 derm.rabit	> 9500 mg/kg

## SECTION 12: Ecological information

### 12.1. Toxicity

Not classified

### Ecotoxicological data:



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Hazardous ingredient	CAS-nr.	method	
octamethyltrisiloxane	107-51-7	IC50 algae	> 0.0094 mg/l
		LC50 fish	> 0.019 mg/l
		EC50 daphnia	> 0.020 mg/l
toluene	108-88-3	IC50 algae	10 mg/l
		LC50 fish	5.5 mg/l
		EC50 daphnia	3.78 mg/l
trimethoxy(methyl)silane	1185-55-3	IC50 algae	> 100 mg/l
		LC50 fish	> 100 mg/l
		EC50 daphnia	> 100 mg/l

## 12.2. Persistence and degradability

No experimental data available

## 12.3. Bioaccumulative potential

no bioaccumulation expected

## 12.4. Mobility in soil

Insoluble in water

## 12.5. Results of PBT and vPvB assessment

No information available

## 12.6. Other adverse effects

No experimental data 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





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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: II

#### 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: 353  
IATA/ICAO - CAO: 364

#### 14.7. Transport in bulk according to Annex II of MARPOL 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.  
Regulation (EC) No 1907/2006 (REACH)  
Regulation (EC) No 1272/2008 (CLP)

#### 15.2. Chemical safety assessment

No information available



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## SECTION 16: Other information

\*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.  
H317 : May cause an allergic skin reaction.  
H336 : May cause drowsiness or dizziness.  
H361d : H361d  
H373 : May cause damage to organs through prolonged or repeated exposure .

REVISIONS IN CHAPTRE : 8.2. Exposure controls  
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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