

**Productname :** HIGH TEMPERATURE SEALANT **Creationdate :** 29.06.17 Version : 2.0  
**Ref.Nr.:** UDS000402\_3\_20170629 (EN) **Replaces:** UDS000402\_20151217

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

### 1.1. Product identifier

**HIGH TEMPERATURE SEALANT**  
Bulk

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

Sealants and Isolation

### 1.3. Details of the supplier of the safety data sheet

CRC Industries UK Ltd.  
Ambersil House - Wylds Road  
Castlefield Industrial Estate  
TA6 4DD Bridgwater Somerset  
United Kingdom  
Tel.: +44 1278 727200  
Fax.: +44 1278 425644  
E-mail : hse.uk@crcind.com

### 1.4. Emergency telephone number

(+44)(0)1278 72 7200 (office hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

<b>Physical:</b>	Not classified
Classification is based on test data.	
<b>Health:</b>	Serious eye damage, category 1 Causes serious eye damage. Skin irritation, category 2 Causes skin irritation.
Classification based on calculation method.	
<b>Environment:</b>	Not classified
Classification based on calculation method.	
<b>Other hazards :</b>	Not classified

### 2.2. Label elements



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

**Product identifier:** Contains:  
 methylsilanetriyl triacetate  
 Acetic acid, dianhydride with silicic acid (H<sub>4</sub>SiO<sub>4</sub>) bis(1,1-dimethylethyl) ester  
 acetic acid ... %

**Hazard pictogram(s):**



**Signal word:** Danger

**Hazard statement(s):** H318 : Causes serious eye damage.  
 H315 : Causes skin irritation.

**Precautionary statement(s):** P101 : If medical advice is needed, have product container or label at hand.  
 P102 : Keep out of reach of children.  
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.  
 P305/351/338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 : Immediately call a POISON CENTER or doctor/physician.  
 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

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
methylsilanetriyl triacetate	01-2119962266-32	4253-34-3	224-221-9	<3	Acute Tox. 4, Skin Corr. 1B	H302,H314	
Acetic acid, dianhydride with silicic acid (H <sub>4</sub> SiO <sub>4</sub> ) bis(1,1-dimethylethyl) ester	01-2119987098-20	13170-23-5	236-112-3	<2	Acute Tox. 4, Skin Corr. 1B	H302,H314	
acetic acid ... %	01-2119475328-30	64-19-7	200-580-7	<1	Flam. Liq. 3, Skin Corr. 1A	H226,H314	

(\* Explanation phrases : see chapter 16)

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Contact with eyes :** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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<b>Contact with skin :</b>	Immediately call a POISON CENTER or doctor/physician. 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.
<b>Inhalation :</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion :</b>	If swallowed do not induce vomiting Seek medical advice

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

<b>Inhalation :</b>	May cause irritation. Symptoms : sore throat, cough
<b>Ingestion :</b>	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
<b>Skin contact :</b>	Irritating to skin. Symptoms : redness and pain
<b>Eye contact :</b>	Risk of serious damage to eyes. Symptoms : redness and pain, impaired vision

#### 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

#### 5.1. Extinguishing media

foam, carbon dioxide or dry agent

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

May give off noxious and toxic fumes in a fire

#### 5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water  
In case of fire, do not breathe fumes  
Wear breathing apparatus

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.  
Ensure adequate ventilation  
Wear suitable protective clothing including eye/face protection.



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## 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

For further information see section 8

# SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

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.  
 Eyewash bottles should be available

## 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)

Sealants and Isolation

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

### Exposure limits :

Hazardous ingredient	CAS-nr.	method	
<b>EU established exposure limits:</b>			
acetic acid ... %	64-19-7	TWA	10 ppm
		STEL	20 ppm

## 8.2. Exposure controls

**Control procedures :** Ensure adequate ventilation



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<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product.
	Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<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.
<b>Environmental protection:</b>	Avoid release to the environment. Collect spillage.

## SECTION 9: Physical and chemical properties

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

<b>Apperance : physical state :</b>	Paste.
<b>colour :</b>	Red.
<b>odour :</b>	Acetic acid.
<b>pH :</b>	Not available.
<b>Boiling point/range :</b>	Not available.
<b>Flash point :</b>	>150 °C (Closed Cup)
<b>Evaporation rate :</b>	Not available.
<b>Explosion limits : upper limit :</b>	Not available.
<b>lower limit :</b>	Not available.
<b>Vapour pressure :</b>	Not available.
<b>Relative density :</b>	1.07 g/cm <sup>3</sup> .
<b>Solubility in water :</b>	Immiscible with water
<b>Auto-ignition :</b>	> 400 °C
<b>Viscosity :</b>	Not available.

### 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

In case of fire, do not breathe fumes  
May give off noxious and toxic fumes in a fire



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#### 10.4. Conditions to avoid

heat

#### 10.5. Incompatible materials

Strong oxidising agent

#### 10.6. Hazardous decomposition products

CO,CO2

### 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>	Causes skin irritation.
<b>serious eye damage/irritation:</b>	Causes serious eye damage.
<b>respiratory or skin sensitisation:</b>	based on available data the classification criteria are not met
<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>	based on available data the classification criteria are not met
<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>	May cause irritation.
<b>Ingestion :</b>	May cause gastrointestinal disturbances
<b>Skin contact :</b>	Irritating to skin.
<b>Eye contact :</b>	Risk of serious damage to eyes.

#### Toxicological data :

No information available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Not classified

#### Ecotoxicological data:



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No information available

#### 12.2. Persistence and degradability

No information available

#### 12.3. Bioaccumulative potential

No information available

#### 12.4. Mobility in soil

Immiscible with water

#### 12.5. Results of PBT and vPvB assessment

No information available

#### 12.6. Other adverse effects

No information 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

UN-number : Not classified as hazardous for transport

#### 14.2. UN proper shipping name

Proper shipping name: Not applicable.

#### 14.3. Transport hazard class(es)

Class: Not applicable.  
ADR/RID - Classification code: Not applicable.

#### 14.4. Packing group



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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

IMDG - Ems: Not applicable.

#### 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

### SECTION 16: Other information

\*Explanation hazard statements: H226 : Flammable liquid and vapour.  
H302 : Harmful if swallowed.  
H314 : Causes severe skin burns and eye damage.

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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