

**Productname :** FLEX SEAL  
**Ref.Nr.:** AB18290-3-231110  
**Creationdate :** 23.11.10  
**Replaces:** 16.04.10

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** FLEX SEAL  
Aerosol

**Application :** Sealants and Isolation

**Company :** CRC Industries Europe bvba  
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## 2. HAZARD IDENTIFICATION

**Health and Safety :** Extremely Flammable  
(propane/butane propellant)  
Without adequate ventilation formation of explosive mixtures may be possible.

**Other hazards :** Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

## 3. COMPOSITION AND INFORMATION ON COMPONENTS

Remark: in contact with humide air, acetic acid (CAS n° 64-19-7, C R10-35) is liberated

Hazardous ingredient	CAS-nbr.	EINECS	w/w %	symbol	R-phrases*	Notes
triacetoxethylsilane	17689-77-9	241-677-4	<5	C	34	
methylsilanetriyl triacetate	4253-34-3	224-221-9	<5	C	34	

(\* Explanation risk-phrases : see chapter 16)



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#### 4. FIRST AID MEASURES

**General Advice :** The usual precautions for handling chemicals should be observed  
If symptoms persist always call a doctor

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water  
Seek medical advice

**Contact with skin :** Remove contaminated clothing immediately and wipe affected skin with dry cloth. Then wash with soap and water

**Inhalation :** Remove patient to fresh air  
Seek medical advice

**Ingestion :** If swallowed accidentally, do not induce vomiting and seek medical advice.

#### 5. FIRE-FIGHTING MEASURES

**Flash point (without propellant):** > 100

**Explosion limits : upper limit :** Not available.

**lower limit :** Not available.

**Extinguishing media :** foam, carbon dioxide or dry agent

**Fire-fighting procedures :** Keep container(s) exposed to fire cool, by spraying with water

**Unusual exposure hazard :** Substance evolves toxic fumes, wear self-contained breathing apparatus  
May form explosive vapour/air mixtures

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions :** Shut off all ignition sources  
Ensure adequate ventilation  
Wear suitable protective clothing and gloves.

**Environmental precautions :** Do not allow to enter public sewers and watercourses

**Cleaning methods :** Collect as much as possible in clean container for reuse or disposal  
Remove by mechanical means  
Absorb spillage in suitable inert material



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## 7. HANDLING AND STORAGE

**Handling procedures :** Use only in well ventilated areas  
Keep away from heat and sources of ignition  
Do not spray on a naked flame or incandescent material.  
Do not pierce or burn aerosols, even after use.  
Do not breathe aerosols or vapours.  
Avoid contact with skin and eyes.  
Eyewash bottles should be available

**Storage procedures :** Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.  
Keep in a cool, dry, well ventilated place  
Keep out of reach of children.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Control procedures :** Keep away from heat and sources of ignition

**Personal protection :** Take precautions to avoid contact with skin and eyes when handling the product.  
Use only in well ventilated areas

**inhalation :** In case of insufficient ventilation, wear suitable respiratory equipment.  
(Filter type AX)

**hands and skin :** Wear suitable protective gloves  
(Plastic, Rubber)

**eyes :** Wear goggles giving complete eye protection

## 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

**Apperance : physical state :** Propane/butane propelled liquid.  
**colour :** Black.  
**odour :** Acetic acid.

**Boiling point/range :** Not available.

**Relative density :** 1.09 g/cm<sup>3</sup> (@ 25°C).

**pH :** Not applicable.

**Vapour pressure :** Not available.

**Relative vapour density :** Not available.

**Solubility in water :** Partly soluble in water

**Flash point :** > 100

**Auto-ignition :** > 200 °C

**Viscosity :** Not available.



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**Evaporation rate :** Not available.

## 10. STABILITY AND REACTIVITY

**Materials to be avoided :** May polymerise on exposure to air.  
Strong oxidising agent  
Decomposes in water

**Hazardous decomposition compounds :** Remark: in contact with humide air, acetic acid (CAS n° 64-19-7, C R10-35) is liberated  
CO,CO2  
traces of silice

## 11. TOXICOLOGICAL INFORMATION

**Inhalation :** May cause irritation.

**Skin contact :** Mildly irritating to skin

**Eye contact :** Mildly irritating to eyes

## 12. ECOLOGICAL INFORMATION

Do not allow to enter public sewers and watercourses

## 13. WASTE DISPOSAL

**Product :** 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

## 14. TRANSPORT

**UN-number :** 1950

**Road/Rail - ADR/RID :** UN1950 Aerosols Class : 2, PG : NA, Class code : 5F, Label : 2.1, Tunnel-code : (D)

**Sea - IMDG :** UN1950 Aerosols Class : 2, PG : NA, Label : 2.1

**EmS** F-D, S-U

**Air - IATA/ICAO :** UN1950 Aerosols, flammable Class : 2, PG : NA, Label : 2.1

## 15. REGULATORY INFORMATION

**Warning symbol(s) :** F+ : EXTREMELY FLAMMABLE

**Risk-phrase(s) :** R12: Extremely flammable.



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**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.  
S51: Use only in well-ventilated areas.

Pressurised container: protect from sunlight and do not expose to 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.

Classified according to Dir. 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

Classification according to EU-directive 99/45/EC

## 16. OTHER INFORMATION

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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**REVISIONS IN CHAPTRE :** 14

**\*Explanation risk-phrases:** R34: Causes burns.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : [www.crcind.com](http://www.crcind.com). We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

