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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

#### 1.1 Product identifier

- Product Name: Flexseal NS196
- Other means of Identification
- UFI: Xyz
- Product Part Number: C05/07/02/003-21

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

- Use of the substance/mixture: Neutral silicone sealant

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

- Name of Supplier: DCP Lebanon
- Address of Supplier: Port, Jamarek Street,  
Rbeiz Bldg  
Beirut, Lebanon
- Telephone: +961 1 444 562
- Fax: +961 1 444 563
- Email: Info.lebanon@dcp-int.com

#### 1.4 Emergency telephone number

- Emergency Telephone: National Poison Information Centre  
Tel.: +961 1 444 562

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Aquatic Chronic 3

#### 2.2 Label elements



- Signal Word: Warning

Hazard statements

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## SECTION 2: Hazards identification (....)

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

### Precautionary statements

P102 - Keep out of reach of children.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P264 - Wash thoroughly after handling.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P272 - Contaminated work clothing should not be allowed out of the workplace.

### 2.3 Other hazards

- Contains: Butan-2-one O,O',O''-(methylsilylidyne)trioxime  
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics

CAS Number: -

EC Number: 934-956-3

Concentration: < 30%

Categories: Asp. Tox. 1

Symbols: GHS08

H Statements: H304

Butan-2-one O,O',O''-(methylsilylidyne)trioxime

CAS Number: 22984-54-9

EC Number: 245-366-4

Concentration: < 3.5%

Categories: Eye Irrit. 2, Skin Sens. 1, STOT RE 2

Symbols: GHS08, GHS07

H Statements: H317, H319, H373

Butan-2-one O,O',O''-(vinylsilylidyne)trioxime

CAS Number: 2224-33-1

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**SECTION 3: Composition/information on ingredients (....)**

EC Number: 218-747-8  
Concentration: < 1%  
Categories: Eye Dam. 1, Skin Sens. 1B, STOT RE 2  
Symbols: GHS08, GHS05, GHS07  
H Statements: H373, H318, H317

**N-(3-(trimethoxysilyl)propyl)ethylenediamine**

CAS Number: 1760-24-3  
EC Number: 217-164-6  
Concentration: < 1%  
Categories: Eye Dam. 1, Skin Sens. 1B, STOT SE 3  
Symbols: GHS05, GHS07  
H Statements: H318, H317, H335

**Dibutyltin dilaurate**

CAS Number: 77-58-7  
EC Number: 201-039-8  
Concentration: < 0.2%  
Categories: Acute Tox. 4, Skin Corr. 1C, Skin Sens. 1, Muta. 2, Repr. Cat. 1B, STOT SE 1, STOT RE 1, Aquatic Acute 1  
Symbols: GHS05, GHS07, GHS08, GHS09  
H Statements: H302, H314, H317, H341, H360, H370, H372, H410

**pyrithione zinc; (T-4)- bis[1-(hydroxy-.kappa.O)pyridine-2(1H)- thionato-.kappa.S]zinc**

CAS Number: 13463-41-7  
EC Number: 236-671-3  
Concentration: < 0.035%  
Categories: Acute Tox. 2, Acute Tox. 3, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 1  
Symbols: GHS06, GHS05, GHS09  
H Statements: H301, H330, H318, H400, H410

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Get medical advice/attention if you feel unwell.

**Contact with skin**

IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.

## SECTION 4: 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.

If eye irritation persists: Get medical advice/attention.

### Ingestion

Do NOT induce vomiting.

Get immediate medical advice/attention.

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

During curing oxime butan-2-one is formed.

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

- No information available
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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Use extinguishing media suitable to the surrounding conditions. Use water spray to cool containers.
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Do not use water jets

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

- May give off noxious and toxic fumes in a fire  
Carbon monoxide (CO).  
Silica dioxide.  
Hydrocarbons, aldehydes.

### 5.3 Advice for firefighters

- Keep container(s) exposed to fire cool, by spraying with water
  - Wear Positive-Pressure Breathing Apparatus
  - Wear full protective clothing including chemical protection suit
  - May give off noxious and toxic fumes in a fire
- 

## SECTION 6: Accidental release measures

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

- Ensure adequate ventilation
- Wear suitable protective clothing
- Evacuate the area and keep personnel upwind

### 6.2 Environmental precautions

- Avoid release to the environment.
  - Do not allow to enter public sewers and watercourses
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## SECTION 6: Accidental release measures (....)

- 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 earth or sand
- Ensure adequate ventilation

### 6.4 Reference to other sections

- See Section 7, 8, 13
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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Keep away from heat and sources of ignition
- Keep away from heat, sparks, open flames and hot surfaces
- Use good personal hygiene practices
- Wash thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

### 7.2 Conditions for safe storage, including any incompatibilities

- Store in original, correctly labelled and tightly closed containers
- Store in a dry environment away from direct sunlight.
- Store in a cool, dry, well ventilated area.
- Protect from frost
- Keep away from food, drink and animal feedingstuffs
- Keep away from acids and alkalis
- Keep away from oxidising substances
- Keep away from moisture

### 7.3 Specific end use(s)

- No information available
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product
- DNELs  
CAS: 77-58-7 Dibutyltin dilaurate  
Dermal DNEL 0.5 mg/kg/Tag (General population, consumers)  
1 mg/kg/Tag (Workers)
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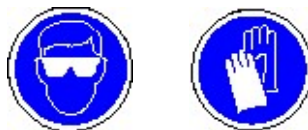
## SECTION 8: Exposure controls/personal protection (....)

Inhalative DNEL 0.02 mg/m<sup>3</sup> (General population, consumers)  
0.07 mg/m<sup>3</sup> (Workers)

### PNECs

CAS: 77-58-7 Dibutyltin dilaurate  
(freshwater) 0.000463 mg/l (env)  
(sea water) 0.0000463 mg/l (env)  
(freshwater sediments) 0.05 mg/kg (env)  
(sea water sediments) 0.005 mg/kg (env)  
(soil) 0.0407 mg/kg (env)

### 8.2 Exposure controls



- Wash thoroughly after handling.
- Remove contaminated clothing
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Keep away from food, drink and animal feedingstuffs
- Provide adequate ventilation.
- Wear protective goggles or full face shield.
- Wear rubber gloves, boots and apron
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Paste
- Odour: Characteristic odour
- Boiling Point/Range: No information available
- pH: No information available
- Specific Gravity: No information available
- Solubility in water: Immiscible with water
- Colour: Various
- Melting point/Range: NA
- Flammability: NA
- Lower explosive limit: NA% (in air)
- Upper explosive limit: NA% (in air)
- Autoignition Temperature: NA
- Decomposition temperature: NA
- Particle characteristics: NA

### 9.2 Other information

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## SECTION 9: Physical and chemical properties (....)

### 9.2.1 Information with Regard to Physical Hazard Classes

No Information Available

### 9.2.2 Other Safety Characteristics

No Information Available

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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

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

During curing oxime butan-2-one is formed.

### 10.4 Conditions to avoid

- Avoid contact with moisture

### 10.5 Incompatible materials

- No information available

### 10.6 Hazardous decomposition products

- No hazardous decomposition products known

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- No information available

LD/LC50 values relevant for classification:

Hydrocarbons, C15-20, n-alkanes, isoalkanes, cyclics, < 0,03% aromatics

Oral LD50 >5,000 mg/kg (rat)

Dermal LD50 >3,160 mg/kg (rabbit)

Inhalative LC50 >5,266 mg/l (rat)

CAS: 77-58-7 Dibutyltin dilaurate

Oral LD50 175 mg/kg (rat)

CAS: 13463-41-7 Pyrithione zinc

Oral LD50 500 mg/kg (ATE)

Inhalative LC50/4h 0.05 mg/l (ATE)

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

No Information Available

#### 11.2.2 Information on other hazards

No Information Available

## SECTION 12: Ecological information

### 12.1 Toxicity

Aquatic toxicity:

CAS: 77-58-7 Dibutyltin dilaurate

EC50 0.1-1 mg/l (algae)

0.1-1 mg/l (daphnia)

0.1-1 mg/l (fish)

NOEC 1,000 mg/l (bacteria)

CAS: 13463-41-7 Pyrethione zinc

EC50 0.067 mg/l (algae)

0.05 mg/l (daphnia)

LC50 0.15 mg/l (fish)

### 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 Endocrine disrupting properties

- No information available

### 12.7 Other adverse effects

- No information available
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
  - Disposal should be in accordance with local, state or national legislation
  - Dispose of contents/container to an authorised waste collection point.
  - Do not empty into drains - dispose of this material and container in a safe way
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## SECTION 14: Transport information

### 14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

### 14.2 Road/Rail (ADR/RID)



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**SECTION 14: Transport information (....)**

- Not classified as hazardous for transport

## 14.3 Sea (IMDG)

- Not classified as hazardous for transport

## 14.4 Environmental hazards

- No information available

## 14.5 Special precautions for user

- No information available

## 14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available

## 14.7 Maritime transport in bulk according to IMO instruments

- No information available
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**SECTION 15: Regulatory information**

## 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

## 15.2 Chemical safety assessment

A chemical safety assessment has been carried out for ingredients used in this products

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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H301: Toxic if swallowed. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H330: Fatal if inhaled. H335: May cause respiratory irritation. H341: Suspected of causing genetic defects. H360: May damage fertility or the unborn child. H370: Causes damage to organs. H372: Causes damage to organs through prolonged or repeated exposure. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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