

Created: 25 Jun 2023

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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 PU440
- Other means of Identification
- UFI: CK50-P04Q-E00Q-TJ9F
- Product Part Number: C05/07/03/011

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

- Use of the substance/mixture: Polyurethane 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: +961 1 444 562 (available during work hours)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Irrit. 2, Carc. 2, STOT RE 2

#### 2.2 Label elements



- Signal Word: Danger

#### Hazard statements

- H351 - Suspected of causing cancer.
- H373 - May cause damage to organs through prolonged or repeated exposure.

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

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 - May cause an allergic skin reaction.

EUH204 - Contains isocyanates. May produce an allergic reaction.

### Precautionary statements

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P310 - Immediately call a POISON CENTER or doctor/physician.

P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...

P285 - In case of inadequate ventilation wear respiratory protection.

P281 - Use personal protective equipment as required.

P201 - Obtain special instructions before use.

### 2.3 Other hazards

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Di-"isononyl" phthalate

CAS Number: 28553-12-0

EC Number: 249-079-5

Concentration: 25 - 30%

Categories: -

#### Ethene, chloro-, homopolymer

CAS Number: 9002-86-2

EC Number: 618-338-8

Concentration: 25 - 30%

Categories: Skin Irrit. 2, Eye Irrit. 2, STOT SE 3

Symbols: GHS07

H Statements: H315, H319, H335

#### 4-isocyanatosulphonyltoluene; tosyl isocyanate

CAS Number: 4083-64-1

EC Number: 223-810-8

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

Concentration: 0.5 - 0.6%  
Categories: Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, STOT SE 3  
Symbols: GHS08, GHS07  
H Statements: H319, H335, H315, H334, EUH014

**Tosyl chloride**

CAS Number: 98-59-9  
EC Number: 202-684-8  
Concentration: < 0.05%  
Categories: Skin Corr. 1B, Eye Dam. 1  
Symbols: GHS05  
H Statements: H314, H318

**Calcium Oxide**

CAS Number: 1305-78-8  
EC Number: 215-138-9  
Concentration: 2.0 - 2.5%  
Categories: Skin Irrit. 2, Eye Dam. 1, STOT SE 3  
Symbols: GHS05, GHS07  
H Statements: H315, H318, H335

**[3-(2,3-epoxypropoxy)propyl]trimethoxysilane**

CAS Number: 2530-83-8  
EC Number: 219-784-2  
Concentration: 0.2 - 0.4%  
Categories: Eye Dam. 1  
Symbols: GHS05  
H Statements: H318

**Calcium carbonate**

CAS Number: 471-34-1  
EC Number: 207-439-9  
Concentration: 5 - 6%  
Categories: Skin Irrit. 2, Eye Irrit. 2  
Symbols: GHS07  
H Statements: H315, H319

**1,2-Ethanediamine, polymer with aziridine, reaction product with 2-propenoic acid**

CAS Number: 398475-96-2  
EC Number: -  
Concentration: < 0.005%  
Categories: Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 1  
Symbols: GHS07, GHS09  
H Statements: H315, H319, H410

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

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

CAS Number: 101-68-8

EC Number: 202-966-0

Concentration: < 1%

Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2

Symbols: GHS08, GHS07

H Statements: H351, H332, H373\*\*, H319, H335, H315, H334, H317

Polyether Polyol

CAS Number: 31568-06-6

EC Number: 608-639-2

Concentration: 20 - 25%

Categories: Skin Sens. 1

Symbols: GHS07

H Statements: H317

dibutyltin dilaurate

CAS Number: 77-58-7

EC Number: 201-039-8

Concentration: < 0.05%

Categories: Acute Tox. 4, Skin Corr. 1C, Skin Sens. 1, Muta. 2, Repr. 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

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

CAS Number: 41556-26-7

EC Number: 255-437-1

Concentration: < 0.1%

Categories: Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1

Symbols: GHS07, GHS09

H Statements: H317, H400, H410

ethylbenzene

CAS Number: 100-41-4

EC Number: 202-849-4

Concentration: < 1%

Categories: Acute Tox. 4, STOT RE 2

Symbols: GHS02, GHS07, GHS08

H Statements: H225, H332, H304, H373

xylene

CAS Number: 1330-20-7

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

EC Number: 215-535-7  
Concentration: 2.5 - 5.0%  
Categories: Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2  
Symbols: GHS02, GHS07  
H Statements: H226, H332, H312, H315

Alcohols, C9-11-iso-, C10-rich

CAS Number: 68526-85-2  
EC Number: 271-234-0  
Concentration: < 0.5%  
Categories: Aquatic Chronic 3  
H Statements: H412

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

Remove person to fresh air and keep comfortable for breathing.  
Get medical advice/attention.

#### Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water  
Get medical advice/attention.

#### Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Get immediate medical advice/attention.

#### Ingestion

Do NOT induce vomiting.  
If swallowed, rinse mouth with water (only if the person is conscious)  
Get immediate medical advice/attention.

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

- May cause asthma
- May cause allergic reaction in susceptible people

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

- Immediately call a POISON CENTER or doctor/physician.
- Treat symptomatically

## **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.
- Do not use water jets

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

- Nitrogen and carbon oxides may be formed
- Cyanide compounds may be formed

### 5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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## **SECTION 6: Accidental release measures**

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

- Avoid inhalation of vapours and contact with skin and eyes.
- Avoid contact with skin and eyes
- Wear suitable respiratory protection

### 6.2 Environmental precautions

- Avoid release to the environment.
- Do not empty into drains
- Do not allow to enter public sewers and watercourses

### 6.3 Methods and material for containment and cleaning up

- Collect as much as possible in clean container for reuse or disposal
- Absorb spillage in earth or sand
- Do not absorb spillage in sawdust or other combustible material
- Place in appropriate container

### 6.4 Reference to other sections

- See Section 8
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## **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
  - Wash hands thoroughly after handling.
  - Contaminated work clothing should not be allowed out of the workplace.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Use personal protective equipment as required.
  - In case of inadequate ventilation wear respiratory protection.
  - Get medical advice/attention if you feel unwell.
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## SECTION 7: Handling and storage (....)

- Wash contaminated clothing before reuse.

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

- Store locked up.

### 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

### 8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Use personal protective equipment as required.
  - In case of inadequate ventilation wear respiratory protection.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Cream\_paste
  - Colour: Various
  - Odour: Characteristic odour
  - Melting point/Range: Not available
  - Freezing point/Range: Not available
  - Boiling Point/Range: No data available
  - Flammability: No information available
  - Lower explosive limit: NA% (in air)
  - Upper explosive limit: NA% (in air)
  - Autoignition Temperature: NA°C
  - Decomposition temperature: NA
  - pH: No information available
  - Kinematic viscosity: NA mm<sup>2</sup>/s
  - Solubility in water: No information available
  - Vapour pressure - not applicable
  - Particle characteristics: NA
  - Appearance: Paste
  - Odour: Characteristic odour
  - Boiling Point/Range: No information available
  - Flashpoint: > 61 °C
  - pH: No information available
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## SECTION 9: Physical and chemical properties (....)

- Specific Gravity: 1.40 ± 0.05
- Solubility in water: Insoluble in water

### 9.2 Other information

#### 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

- Reacts with moist air or water

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Avoid contact with moist air
- Avoid contact with moisture
- Avoid contact with water

### 10.5 Incompatible materials

- Incompatible with amines
- Incompatible with alcohols
- Reacts with water liberating considerable amounts of gas

### 10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- No information available

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

No Information Available

#### 11.2.2 Information on other hazards

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## SECTION 12: Ecological information

### 12.1 Toxicity

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**SECTION 12: Ecological information (....)**

- 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
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**SECTION 13: Disposal considerations**

- 13.1 Waste treatment methods
- Do not empty into drains - dispose of this material and container in a safe way
  - Disposal should be in accordance with local, state or national legislation
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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)
- Not classified as hazardous for transport
- 14.3 Sea (IMDG)
- Not classified as hazardous for transport
- 14.4 Environmental hazards
- On available data, substance is not harmful to the environment
- 14.5 Special precautions for user
- No information available
- 14.6 Transport in bulk according to Annex II of Marpol and the IBC Code
- Not applicable
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**SECTION 15: Regulatory information**

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
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## SECTION 15: Regulatory information (....)

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

All the ingredients used in this product are registered or preregistered by our suppliers, and/or excluded from the regulation, and/or exempted from the registration.

### 15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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## SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH014: Reacts violently with water. H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H341: Suspected of causing genetic defects. H351: Suspected of causing cancer. 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. H412: Harmful 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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