
SAFETY DATA SHEET

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

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: -
- 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: One component, non sag, high modulus elastomeric polyurethane sealant with high tear and weather resistance

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Aquatic Chronic 3

2.2 Label elements

- Signal Word: None

Hazard statements

EUH208 - Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate. May produce an allergic reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 - Avoid release to the environment.

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

P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.

SECTION 2: Hazards identification (....)

P264 - Wash thoroughly after handling.

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

2.3 Other hazards

SECTION 3: Composition/information on ingredients**3.2 Mixtures****1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich**

CAS Number: 68515-48-0
EC Number: 271-090-9
Concentration: 10 - 30%
Categories: Not classified
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available

Silane-Terminated Polyurethane Prepolymer Resin

CAS Number: -
EC Number: -
Concentration: 10 - 30%
Categories: Not classified
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available

Dibutyltin Dilaurate

CAS Number: 77-58-7
EC Number: 201-039-8
Concentration: < 0.5%
Categories: Acute Tox. 3, Repr. Cat. 3, Eye Dam. 1, Skin Sens. 1, Muta. 2, Repr. Cat. 1B, STOT SE 1, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS05, GHS06, GHS08, GHS09
H Statements: H301, H314, H317, H318, H341, H360, H370, H372, H410, H400

3-(trimethoxysilyl)propylamine

CAS Number: 13822-56-5
EC Number: 237-511-5

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

Concentration:	< 1%
Categories:	Skin Irrit. 2, Eye Dam. 1
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07, GHS05
H Statements:	H227, H315, H318

Trimethoxyvinylsilane

CAS Number:	2768-02-7
EC Number:	220-449-8
Concentration:	< 5%
Categories:	Flam. Liq. 3, Acute Tox. 4, Skin Sens. 1B
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02, GHS07
H Statements:	H226, H332, H317

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

CAS Number:	41556-26-7
EC Number:	255-437-1
Concentration:	< 0.5%
Categories:	Skin Sens. 1, Repr. 2, Aquatic Acute 1, Aquatic Chronic 1
Specific Concentration Limits:	No information available
M factor:	1;1
Acute toxicity estimate:	Not available
Symbols:	GHS08, GHS09
H Statements:	H317, H361, H410, H400
M factor, acute:	1
M factor, chronic:	1

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.

Contact with skin

Wash affected area with plenty of soap and water

Remove contaminated clothing

If skin irritation or rash occurs: Get medical advice/attention.

SECTION 4: First aid measures (....)

Contact with eyes

May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Ingestion

Do NOT induce vomiting.

If swallowed, rinse mouth with water (only if the person is conscious)

Seek medical attention if ill effects occur

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

In cases of severe exposure, irritation may develop

Contact with skin

In cases of severe exposure, irritation may develop

Inhalation

Irritation of nose, throat and airway.

4.3 Indication of any immediate medical attention and special treatment needed

- 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
- Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Do not allow run-off water to enter sewers and water sources.
- Wear self contained breathing apparatus and full protective clothing
- Water spray should be used to cool containers

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes

SECTION 6: Accidental release measures (....)

- Wash thoroughly after dealing with spillage
- Wear suitable protective clothing

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Prevent further spillage if safe

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Collect as much as possible in clean container for reuse or disposal
- Wear suitable protective clothing, eye/face protection and gloves

6.4 Reference to other sections

- For personal protection see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Dispose of contents/container to an authorised waste collection point
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from food, drink and animal feedingstuffs
- Keep away from moisture
- Store in a dry environment away from direct sunlight.
- Protect from frost

7.3 Specific end use(s)

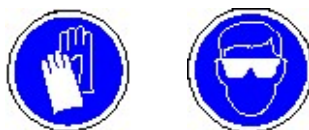
- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls



SECTION 8: Exposure controls/personal protection (....)

- Avoid contact with skin and eyes
- Contaminated work clothing should not be allowed out of the workplace.
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Keep away from food, drink and animal feedingstuffs
- Wash hands thoroughly after using this substance
- Wear suitable protective clothing, eye/face protection and gloves

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|------------------------------|--------------------------|
| - Physical state: | Liquid |
| - Colour: | Various |
| - Odour: | Characteristic odour |
| - Melting point/Range: | Not available |
| - Boiling Point/Range: | No information available |
| - Flammability: | No information available |
| - Lower explosive limit: | NA% (in air) |
| - Upper explosive limit: | NA% (in air) |
| - Flashpoint: | >93°C |
| - Autoignition Temperature: | NA |
| - Decomposition temperature: | NA |
| - pH: | No information available |
| - Kinematic viscosity: | NA mm ² /s |
| - Solubility: | Insoluble in water |
| - Vapour Pressure: | Not available |
| - Specific gravity: | 1.47 ± 0.05 |
| - Vapour Density: | Not available |
| - Particle characteristics: | NA |
| - Solubility in water: | Immiscible with 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

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

SECTION 10: Stability and reactivity (....)

- 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 exposure to high temperature or direct sunlight.
- Avoid freezing.

10.5 Incompatible materials

- Strong oxidising agents
- Strong acids.
- Avoid contact with moisture

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 effects for small dosage. Large dose effects not known

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

- 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 Endocrine disrupting properties

- No information available
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SECTION 12: Ecological information (....)

12.7 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

- No information available

14.5 Special precautions for user

- No information available
- Tunnel Bulk Restriction Codes: D

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 (CSA) for this product has not yet been completed
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H227: Combustible liquid. H301: Toxic if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H332: Harmful if inhaled. H341: Suspected of causing genetic defects. H360: May damage fertility or the unborn child. H361: Suspected of damaging fertility or the unborn child. H370: Causes damage to organs. H372: Causes 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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