

Created: 3 Sep 2023

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: Repcoat PU1
- Product Part Number: C05/06/02/006

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

- Use of the substance/mixture: High performance one component polyurethane based clear primer/coating

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

2.2 Label elements



- Signal Word: Danger

Hazard statements

- H332 - Harmful if inhaled.
 - 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.

H335 - May cause respiratory irritation.

EUH204 - Contains isocyanates. May produce an allergic reaction.

Precautionary statements

P201 - Obtain special instructions before use.

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.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P304+P312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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.

P285 - In case of inadequate ventilation wear respiratory protection.

P281 - Use personal protective equipment as required.

P314 - Get medical advice/attention if you feel unwell.

P264 - Wash hands thoroughly after handling.

P337+P313 - If eye irritation persists: Get medical advice/attention.

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

P363 - Wash contaminated clothing before reuse.

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

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P405 - Store locked up.

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

P362+P364 - Take off contaminated clothing and wash it before reuse.

P202 - Do not handle until all safety precautions have been read and understood.

2.3 Other hazards

- As from 24 August 2023 adequate training is required before industrial or professional use
- Contains: Oxirane,methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1), polymer with 1,1'-methylenebis[4-isocyanatobenzene]

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Oxirane,methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1), polymer with 1,1'-methylenebis[4-isocyanatobenzene]

CAS Number: 59675-67-1

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

EC Number: 611-860-7
Concentration: 70 - 90%
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2
Symbols: GHS07, GHS08
H Statements: H315, H317, H319, H332, H334, H335, H373

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

CAS Number: 101-68-8
EC Number: 202-966-0
Concentration: 1 - 5%
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

4-isocyanatosulphonyltoluene; tosyl isocyanate

CAS Number: 4083-64-1
EC Number: 223-810-8
Concentration: < 1%
Categories: Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, STOT SE 3
Symbols: GHS08, GHS07
H Statements: H319, H335, H315, H334, EUH014

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 attention if patient feels unwell or if discomfort continues.

Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of polyethylene glycol
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

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

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

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

Do NOT induce vomiting.

Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

The product irritates the respiratory tract and may trigger sensitisation of the skin and respiratory tract. Treatment of acute irritation or bronchial constriction is primarily symptomatic. Extended medical treatment may be required depending on the degree of exposure and the severity of the symptoms.

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**

- 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

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate vapors and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
 - Do not allow run-off water to enter sewers and water sources.
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Ensure adequate ventilation
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Wear suitable protective clothing
- Keep away from heat and sources of ignition

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

Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approx. one hour transfer to waste container and do not seal (evolution of CO₂!). Keep damp in a safe ventilated area for several days.

6.4 Reference to other sections

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

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

7.1 Precautions for safe handling

- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Do not eat, drink or smoke when using this product.
- Do not empty into drains
- Ensure adequate ventilation
- Keep away from food, drink and animal foodstuffs
- Keep away from heat and sources of ignition
- Keep away from sources of ignition - No Smoking
- Store in original, correctly labelled and tightly closed containers
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Call a POISON CENTRE or doctor if you feel unwell.
- Get medical advice/attention if you feel unwell.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from food, drink and animal feedingstuffs
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep away from moisture
- Store in a cool, dry, well ventilated area.
- Store in a dry environment away from direct sunlight.
- Store in correctly labelled containers
- Store in original, correctly labelled and tightly closed containers
- Store in original, tightly closed containers
- 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

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
- In case of inadequate ventilation wear respiratory protection.
- Keep container tightly closed
- Wash hands thoroughly after using this substance
- Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Clear liquid
- Odour: Characteristic odour
- Boiling Point/Range: > 200 °C
- Flashpoint: > 120 °C
- pH: No information available
- Specific Gravity: 1.1 ± 0.05
- Solubility in water: Immiscible with water

9.2 Other information

- 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

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

Exothermic reaction with amines and alcohols; reacts with water forming CO₂; in closed containers, risk of bursting owing to increase of pressure.

10.4 Conditions to avoid

- No information available

10.5 Incompatible materials

- No information available

10.6 Hazardous decomposition products

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

- No hazardous decomposition products known
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available
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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

- No information available

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

- 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)

- Not classified as hazardous for transport

14.3 Sea (IMDG)

SECTION 14: Transport information (....)

- 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
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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 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. H315: Causes skin irritation. H317: May cause an allergic skin reaction. 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. H351: Suspected of causing cancer. H373: May cause damage to organs through prolonged or repeated exposure.

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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