

Created: 02 Aug 2023

SAFETY DATA SHEET

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: Strongcoat EC50 - Hardener
- Product Part Number: C05/05/05/015H

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

- Use of the substance/mixture: Hardener part of two component high build solvent based epoxy 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: National Poison Information Centre
Tel.: +961 1 444 562

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Skin Sens. 1, Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2

2.2 Label elements

- Signal Word: Warning
- Hazard statements
 - H226 - Flammable liquid and vapour.
 - H312 - Harmful in contact with skin.
 - H332 - Harmful if inhaled.

SECTION 2: Hazards identification (....)

H373 - May cause damage to organs through prolonged or repeated exposure.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H317 - May cause an allergic skin reaction.

- Precautionary statements

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

P403+P235 - Store in a well-ventilated place. Keep cool.

P260 - Do not breathe 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.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.

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

P264 - Wash 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.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P243 - Take action to prevent static discharges.

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

P240 - Ground and bond container and receiving equipment.

P241 - Use explosion-proof [electrical/ventilating/lighting/

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

P242 - Use non-sparking tools.

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

2.3 Other hazards

- Contains: Reaction mass of ethylbenzene and xylene m-phenylenebis(methylamine)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- xylene

CAS Number: 1330-20-7

EC Number: 215-535-7

Concentration: 1 - 10%

Categories: Acute Tox. 4, Skin Irrit. 2

Symbols: GHS02, GHS07

H Statements: H226, H332, H312, H315

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

- m-phenylenebis(methylamine)
CAS Number: 1477-55-0
EC Number: 216-032-5
Concentration: < 5%
Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1B, Aquatic Chronic 3
Symbols: GHS05, GHS07
H Statements: H302, H314, H317, H332, H412

- 2,4,6-tris(dimethylaminomethyl)phenol
CAS Number: 90-72-2
EC Number: 202-013-9
Concentration: < 1%
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2
Symbols: GHS07
H Statements: H302, H319, H315

- reaction mass of ethylbenzene and xylene
CAS Number: -
EC Number: 905-588-0
Concentration: 40 - 60%
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2
Symbols: GHS02, GHS08, GHS07
H Statements: H226, H304, H312, H315, H319, H332, H335, H373

SECTION 4: First aid measures

4.1 Description of first aid measures

- Take off immediately all contaminated clothing.

- Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Seek medical attention if ill effects occur

- Contact with skin
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
If skin irritation or rash occurs: Get medical advice/attention.
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water

- 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 medical advice/attention.

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

- Ingestion
 - Do NOT induce vomiting.
 - If swallowed, rinse mouth with water (only if the person is conscious)
 - Give water or milk to drink
 - Never give anything by mouth to an unconscious person
 - Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- No information available

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

Water fog or fine spray, CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
Don not use water with a full water jet.

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire
- Nitrogen and carbon oxides may be formed

5.3 Advice for firefighters

- Do not allow run-off water to enter sewers and water sources.
 - Wear self contained breathing apparatus and full protective clothing
 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - In case of fire: Evacuate area.
 - 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 protective clothing as per section 8
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Evacuate the area and keep personnel upwind
- Wash thoroughly after dealing with spillage
- Avoid contact with skin and eyes

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 (....)

- 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
- Soak up with inert absorbent
- Place in appropriate container
- Wear suitable protective clothing, eye/face protection and gloves
- Ensure adequate ventilation

6.4 Reference to other sections

- 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.
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Keep away from food, drink and animal foodstuffs
- Use good personal hygiene practices
- Store in original, correctly labelled and tightly closed containers
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Contaminated work clothing should not be allowed out of the workplace.
- Get medical advice/attention if you feel unwell.
- Wash contaminated clothing before reuse.
- Take action to prevent static discharges.
- Use explosion-proof [electrical/ventilating/lighting/
- Use non-sparking tools.
- Keep away from heat, sparks, open flames and hot surfaces

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.
- Keep away from food, drink and animal feedingstuffs
- Do not smoke
- Keep away from strong oxidisers, heat, flames and sources of ignition.
- Keep away from static electricity
- Store between + 5° C and +35°C protect from frost and direct sunlight.

7.3 Specific end use(s)

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SECTION 7: Handling and storage (....)

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

8.1 Control parameters

- No information available

8.2 Exposure controls



- Ensure adequate ventilation
 - 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.
 - In case of inadequate ventilation wear respiratory protection.
 - Keep away from food, drink and animal feedingstuffs
 - Wash thoroughly after handling.
 - Wear suitable protective clothing, eye/face protection and gloves
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Odour: Aromatic odour
- Boiling Point/Range: No information available
- Flashpoint: > 32°C
- Specific Gravity: 1.00 ± 0.03
- Solubility in water: Insoluble in water

9.2 Other information

- 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

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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

- No special precautions are required for this product

10.5 Incompatible materials

- Strong oxidising agents
- Incompatible with acids and alkalis

10.6 Hazardous decomposition products

- Combustion may emit toxic fumes
 - Decomposition products may include toxic fumes
 - Decomposition products may include nitrogen and carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation
Causes serious eye damage.
Respiratory or skin sensitisation
May cause an allergic skin reaction.

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

- Avoid release to the environment.
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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

Small quantities may be reacted with a suitable quantity of epoxy resin, allowed to cure and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator.

SECTION 14: Transport information



14.1 Air (ICAO/IATA)

- ICAO UN No.: 1866
- Proper Shipping Name: RESIN SOLUTION
- ICAO Hazard Class: 3
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1866
- Proper Shipping Name: RESIN SOLUTION
- ADR Packing Group: 3

14.3 Sea (IMDG)

- IMDG UN No.: 1866
- Proper Shipping Name: RESIN SOLUTION
- IMDG Hazard Class: 3
- IMDG Pack Group.: III

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



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SECTION 15: Regulatory information (....)

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

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out

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. 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. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H373: May cause damage to organs through prolonged or repeated exposure. 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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