
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: Strongcoat Epoxy Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C03/06/03/054H

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

- Use of the substance/mixture: Hardener part of two component solvent free, nontoxic epoxy protective coating for concrete and metal.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: DCP Saudi Co
- Address of Supplier: P.O. Box 66241
Riyadh 11576
Kingdom of Saudi Arabia
- Telephone: + 966 11 461 2003
- Fax: + 966 11 279 2059
- Email: Info.saudi@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: + 966 11 461 2003 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Acute Tox. 4, Skin Corr. 1B, Repr. 2, Aquatic Chronic 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

H302 - Harmful if swallowed.

SECTION 2: Hazards identification (....)

H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

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

P501 - Dispose of contents/container to an authorised waste collection point

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

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

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

P405 - Store locked up.

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

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

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

P281 - Use personal protective equipment as required.

P201 - Obtain special instructions before use.

P330 - Rinse mouth.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

2.3 Other hazards

- Contains: Nonylphenol
2-piperazin-1-ylethylamine
benzyl alcohol

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia

CAS Number: 9046-10-0

EC Number: 618-561-0

Concentration: 10 - 30%

Categories: Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3

Specific Concentration Limits: No information available

M factor: No information available

Acute toxicity estimate: Not available

Symbols: GHS05

H Statements: H314, H412, H318

nonylphenol

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

CAS Number: 25154-52-3
EC Number: 246-672-0
Concentration: 1 - 20%
Categories: Acute Tox. 4, Skin Corr. 1B, Repr. 2, Aquatic Acute 1, Aquatic Chronic 1
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS08, GHS05, GHS07, GHS09
H Statements: H361fd, H302, H314, H400, H410

2-piperazin-1-ylethylamine

CAS Number: 140-31-8
EC Number: 205-411-0
Concentration: 10 - 20%
Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS05, GHS07
H Statements: H312, H302, H314, H317, H412

benzyl alcohol

CAS Number: 100-51-6
EC Number: 202-859-9
Concentration: 10 - 30%
Categories: Skin Sens. 1, Acute Tox. 4, Eye Irrit. 2
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS07
H Statements: H317, H302, H319

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.

Rescuers should put on approved respiratory protection before entering the area to render first aid

Keep warm and at rest

Apply artificial respiration only if patient is not breathing but do not use mouth to mouth resuscitation

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

If breathing is difficult, oxygen should be given by a trained person
Seek immediate medical attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
Contaminated clothing should be laundered before reuse
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.

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

Ingestion

If swallowed, rinse mouth with water (only if the person is conscious)
Remove patient to fresh air
If swallowed, give small quantities of water to drink (only if the person is conscious), stop if the exposed person feels sick as vomiting.
If vomiting occurs, keep head low so as to vomit does not enter the lungs.
Do NOT induce vomiting.
Seek immediate medical attention
Never give anything by mouth to an unconscious person
Keep warm and at rest, in a half upright position. Loosen clothing
Apply artificial respiration only if patient is not breathing but do not use mouth to mouth resuscitation
Rinse mouth.
IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed**Contact with eyes**

Causes serious eye damage.

Contact with skin

Prolonged skin or eye contact may cause chemical burns

Inhalation

No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

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

- Immediately call a POISON CENTER or doctor/physician.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.

5.2 Special hazards arising from the substance or mixture

- Decomposition products may include nitrogen and carbon oxides
- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
 - In case of fire: Evacuate area.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- In case of leakage, eliminate all ignition sources.
- Keep away from heat and sources of ignition
- Ensure adequate ventilation
- Wear suitable protective clothing
- Shut off source of leak if safe to do so
- Portable containers should be moved if possible and without risk
- Evacuate the area and keep personnel upwind

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Dispose of this material as hazardous waste.
- Contain spillage with sand, earth or other non-combustible material.
- Place in appropriate container
- Collect spillage.

6.4 Reference to other sections

- For personal protection see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not eat, drink or smoke when using this product.
- Wash thoroughly after handling.
- Avoid contact with skin and eyes
- Ensure adequate ventilation
- Store in a closed container.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Use explosion-proof [electrical/ventilating/lighting/
- Use non-sparking tools.
- Take action to prevent static discharges.
- Ground and bond container and receiving equipment.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

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 strong oxidisers, heat, flames and sources of ignition.
- Use appropriate containment to avoid environmental contamination
- Store locked up.

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No information available

8.2 Exposure controls



- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Wear goggles giving complete eye protection
- Wear suitable chemically resistant gloves and boots.
- Wear suitable respiratory protection

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Colourless to yellow
- Odour: Ammonia 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 mm²/s
- Solubility: NA
- Vapour Pressure: Not available
- Density: 1 ± 0.02 g/cm³
- 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

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Reacts with strong oxidizing substances
- Avoid contact with acids and alkalis

10.4 Conditions to avoid

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

10.5 Incompatible materials

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

- Strong oxidising agents
- Incompatible with acids and alkalis

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
 - Decomposition products may include toxic fumes
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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 Available11.2.2 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

12.7 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

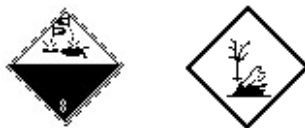
13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - Avoid release to the environment. Refer to special instructions/Safety data sheets
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SECTION 13: Disposal considerations (....)

- 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)**

- ICAO UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: II

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID N.O.S.
- ADR Hazard Class: 8
- ADR Packing Group: II

14.3 Sea (IMDG)

- IMDG UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID N.O.S.
- IMDG Hazard Class: 8
- IMDG Packing Group: II

14.4 Environmental hazards

- No information available
- Marine Pollutant

14.5 Special precautions for user

- No information available
- Contains: Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia nonylphenol

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**

Created: 16 Nov 2025

SECTION 15: Regulatory information (....)

- 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:- H302: Harmful if swallowed. H312: Harmful in contact with skin. 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. H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child. 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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