

Created: 18 Jan 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: Strongcoat PSE - Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C03/06/03/061H

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

- Use of the substance/mixture: Hardener component of Chemical resistant epoxy polysulphide flexible coating

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: DCP Saudi Co
- Address of Supplier: P.O.Box 1117
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 work hours)

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

- CLP: Skin Sens. 1, Flam. Liq. 3, Skin Corr. 1B, Aquatic Chronic 2

2.2 Label elements

- Signal Word: Danger

Hazard statements

H226 - Flammable liquid and vapour.

SECTION 2: Hazards identification (....)

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.

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.

P273 - Avoid release to the environment.

P501 - Dispose of contents/container to

P233 - Keep container tightly closed.

P264 - Wash thoroughly after handling.

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

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

P363 - Wash contaminated clothing before reuse.

P391 - Collect spillage.

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

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.

P240 - Ground and bond container and receiving equipment.

P405 - Store locked up.

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

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

P242 - Use non-sparking tools.

2.3 Other hazards

- Contains: 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine
ALIPHATIC POLYSULPHIDE POLYMER

SECTION 3: Composition/information on ingredients

3.2 Mixtures

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

CAS Number: 38294-64-3

EC Number: 500-101-4

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

Concentration: 10 - 25%
 Categories: Skin Corr. 1B, Eye Dam. 1, 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: H314, H317, H318, H412

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 - 25%
 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

3-aminomethyl-3,5,5-trimethylcyclohexylamine

CAS Number: 2855-13-2
 EC Number: 220-666-8
 Concentration: 1 - 10%
 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

Phenol, styrenated

CAS Number: 61788-44-1
 EC Number: 262-975-0
 Concentration: 1 - 5%
 Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1A, Aquatic Chronic 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07, GHS09
 H Statements: H315, H319, H317, H411

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CAS Number: 68611-50-7
 EC Number: 614-671-8

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

Concentration:	25 - 50%
Categories:	Aquatic Chronic 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not applicable
Symbols:	GHS09
H Statements:	H412

2,4,6-tris(dimethylaminomethyl)phenol

CAS Number:	90-72-2
EC Number:	202-013-9
Concentration:	1 - 10%
Categories:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07
H Statements:	H302, H319, H315

reaction mass of ethylbenzene and xylene

CAS Number:	-
EC Number:	905-588-0
Concentration:	1 - 10%
Categories:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
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

- Get medical advice/attention if you feel unwell.
- Take off contaminated clothing.

Inhalation

IF INHALED: 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

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or

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

shower].

IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

IF ON SKIN: Wash with plenty of soap and water.

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

Do NOT induce vomiting.

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

Rinse mouth with water (do not swallow)

Get immediate medical advice/attention.

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

Causes serious eye damage.

Contact with skin

Causes severe burns

Inhalation

Causes irritation

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.
- Use foam, carbon dioxide or dry agent for extinction
- Do not use water jets

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

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

SECTION 5: Firefighting measures (....)

- Do not allow run-off water to enter sewers and water sources.
 - Wear chemical protection suit and positive-pressure breathing apparatus
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Keep away from heat and sources of ignition
- 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
- Shut off all ignition sources

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
- Contain spillage with sand, earth or other non-combustible material.
- Do not absorb spillage in sawdust or other combustible material
- Ensure adequate ventilation
- In case of leakage, eliminate all ignition sources.
- Soak up with inert absorbent
- Sweep or shovel-up spillage and remove to a safe place
- Wear suitable protective clothing, eye/face protection and gloves
- Use non-sparking handtools
- Collect spillage.

6.4 Reference to other sections

- See Section 8, 13
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Do not empty into drains

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

- Ensure adequate ventilation. If ventilation is unavailable or insufficient use suitable respiratory protection.
- If ventilation/extraction is inadequate or unavailable use suitable respiratory protection.
- Keep away from food, drink and animal foodstuffs
- Keep away from heat and sources of ignition
- Keep away from heat, sparks, open flames and hot surfaces
- Keep away from sources of ignition - No Smoking
- Store in original, correctly labelled and tightly closed containers
- Use good personal hygiene practices
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- 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 strong oxidisers, heat, flames and sources of ignition.
- Protect from frost
- Keep only in the original container at a temperature not exceeding 35 °C
- Store in a cool, dry, well ventilated area.
- Store in correctly labelled containers
- Store in a dry environment away from direct sunlight.
- Store in a well-ventilated place. Keep cool.
- Store locked up.

7.3 Specific end use(s)

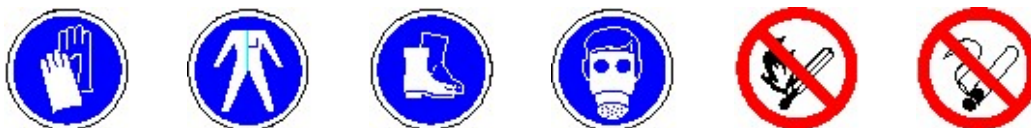
- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls



- Avoid contact with skin and eyes
- Ensure adequate ventilation
- In case of inadequate ventilation wear respiratory protection.
- Keep away from food, drink and animal feedingstuffs
- Keep container tightly closed

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

- Wash hands thoroughly after using this substance
 - Wear suitable protective clothing, eye/face protection and gloves
 - Wear suitable protective clothing.
 - Do not eat, drink or smoke when using this product.
-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Yellowish brown
- Odour: Amine, sulphide
- 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: > 35°C
- Autoignition Temperature: NA
- Decomposition temperature: NA
- pH: NA
- Kinematic viscosity: NA mm²/s
- Solubility: NA
- Vapour Pressure: Not available
- Density: 1.00 ± 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

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose
-

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

10.4 Conditions to avoid

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep at temperature not exceeding
- Keep away from frost

10.5 Incompatible materials

- Incompatible with acids and alkalis
- Strong oxidising agents

10.6 Hazardous decomposition products

- Combustion may emit toxic fumes
 - Decomposition products may include toxic fumes
 - Decomposition products may include nitrogen and carbon oxides
-

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
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

- 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

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SECTION 12: Ecological information (....)

- No information available

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

SECTION 14: Transport information



14.1 Air (ICAO/IATA)

- ICAO UN No.: 2734
- Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: II

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 2734
- Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
- ADR Hazard Class: 8

14.3 Sea (IMDG)

- IMDG UN No.: 2734
- Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, 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: 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine
Reaction products of di-, tri- and tetra-propoxyylated propane-1,2-diol with ammonia

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available

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SECTION 14: Transport information (....)

14.7 Maritime transport in bulk according to IMO instruments

- No information available

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

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. H318: Causes serious eye damage. 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. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects. GHS09: fish and tree.

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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