

Created: 31 Aug 2021

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: Flexseal PS700 - Hardener
- Product Part Number: C03/07/03/700-H

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

- Use of the substance/mixture: Hardener component of two part Elastomeric high performance cold applied fuel resistant pavement joint sealant

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 work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 1

2.2 Label elements



- Signal Word: Warning
- Hazard statements
 - H315 - Causes skin irritation.
 - H319 - Causes serious eye irritation.
 - H317 - May cause an allergic skin reaction.
 - H410 - Very toxic to aquatic life with long lasting effects.

SECTION 2: Hazards identification (....)

- Precautionary statements
 - P261 - Avoid breathing 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.
 - P273 - Avoid release to the environment.
 - P501 - Dispose of contents/container to an authorised waste collection point
 - 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.
 - P391 - Collect spillage.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P272 - Contaminated work clothing should not be allowed out of the workplace.
 - P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

- Contains: Thiram (ISO); tetramethylthiuram disulphide
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

- alkanes, C14-17, chloro; chlorinated paraffins, C14-17
 - CAS Number: 85535-85-9
 - EC Number: 287-477-0
 - Concentration: 60 - 80%
 - Categories: Aquatic Acute 1, Aquatic Chronic 1
 - Symbols: GHS09
 - H Statements: H362, H400, H410, EUH066
- manganese dioxide
 - CAS Number: 1313-13-9
 - EC Number: 215-202-6
 - Concentration: 10 - 25%
 - Categories: Acute Tox. 4
 - Symbols: GHS07
 - H Statements: H332, H302
- thiram (ISO); tetramethylthiuram disulphide
 - CAS Number: 137-26-8
 - EC Number: 205-286-2
 - Concentration: 1 - 2%
 - Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1

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

Symbols: GHS08, GHS07, GHS09
H Statements: H332, H302, H373, H315, H319, H317, H400, H410
Specific Concentration Limits: M=10

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 advice/attention if you feel unwell.
- Contact with skin
Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.
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.
Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting.
Seek immediate medical attention.
If swallowed, rinse mouth with water (only if the person is conscious)
Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting.
Seek immediate medical attention.
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

- 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

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SECTION 5: Firefighting measures (....)

Heating of non-vented container may cause exposition. Keep surrounding containers cool with water spray.

Fire may cause evolution of:

Toxic metal oxide fumes

Pressure build up

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear suitable protective clothing
- 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
- Prevent further spillage if safe

6.3 Methods and material for containment and cleaning up

- Collect spillage.
- 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.
- Soak up with inert absorbent
- Sweep or shovel-up spillage and remove to a safe place
- Place in appropriate container
- Ensure adequate ventilation
- Wear suitable protective clothing, eye/face protection and gloves

6.4 Reference to other sections

- See Section 8, 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.

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

- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Avoid contact with skin and eyes
- 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
- Use good personal hygiene practices
- Wash thoroughly after handling.

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 container tightly closed.
- Keep out of reach of children.
- Store in a cool, dry, well ventilated area.
- Store in a dry environment away from direct sunlight.
- Store in original, correctly labelled and tightly closed containers
- Keep away from moisture

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



- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- 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
- Wash hands thoroughly after using this substance

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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SECTION 9: Physical and chemical properties (....)

- Appearance: Dark grey paste
- Odour: Characteristic odour
- Boiling Point/Range: No information available
- Flashpoint: > 150 °C
- pH: No information available
- Specific Gravity: 1.45 ± 0.05
- Solubility in water: Insoluble in 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

Can react with alkali metals and alkaline earth metal which have a strong affinity for chlorine can react with iron, zinc, aluminum at high temperatures leading to decomposition.

Hazardous decomposition products, carbon monoxide, Toxic metal compounds and Oxygen

10.4 Conditions to avoid

Excessive heat and ignition sources

10.5 Incompatible materials

- Strong oxidising agents

10.6 Hazardous decomposition products

Prolonged heating at temperatures in excess of 70 °C and above 200 °C for short periods of time will result decomposition and liberation of hydrogen chloride.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available

SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

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SECTION 12: Ecological information (....)

- 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 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

UN No.: 3082

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Hazard Class: 9

Packing Group: III

14.1 Air (ICAO/IATA)

- ICAO UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- ICAO Hazard Class: 9
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- ADR Hazard Class: 9

14.3 Sea (IMDG)

- IMDG UN No.: 3082
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SECTION 14: Transport information (....)

- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- IMDG Hazard Class: 9
- IMDG Pack Group.: III

14.4 Environmental hazards

- Marine Pollutant

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 Regulation 1907/2006-2015/830

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:- EUH066: Repeated exposure may cause skin dryness or cracking. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. H362: May cause harm to breast-fed children. H373: May cause 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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