

Created: 25 Oct 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: Quickmast 105 - Hardener
- Product Part Number: C01/04/03/019H

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

- Use of the substance/mixture: Hardener component for Resin based injection on crack repair system

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products/Jordan
- Address of Supplier: P.O.Box 1117
Amman 11118
Jordan
- Telephone: + 962 6 533 8891
- Fax: + 962 6 533 8829
- Email: info.jordan@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: + 962 6 533 8891 (available during work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

2.2 Label elements



- Signal Word: Danger

Hazard statements

- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.

SECTION 2: Hazards identification (....)

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.

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.

P273 - Avoid release to the environment.

P264 - Wash hands 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].

P405 - Store locked up.

P361 - Take off immediately all contaminated clothing.

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

2.3 Other hazards

- Contains: 3,6-diazaoctanethylenediamin; triethylenetetramine

SECTION 3: Composition/information on ingredients

3.2 Mixtures

3,6-diazaoctanethylenediamin; triethylenetetramine

CAS Number: 112-24-3

EC Number: 203-950-6

Concentration: 30 - 50%

Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3

Symbols: GHS05, GHS07

H Statements: H312, H314, H317, H412

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

Concentration: 15 - 25%

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

Symbols: GHS05, GHS07

H Statements: H314, H317, H318, H412

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

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: 5 - 15%
Categories: Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3
Symbols: GHS05
H Statements: H314, H412, H318

benzyl alcohol

CAS Number: 100-51-6
EC Number: 202-859-9
Concentration: 1 - 10%
Categories: Acute Tox. 4, Eye Irrit. 2
Symbols: GHS07
H Statements: H332, H302, H319

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
Symbols: GHS05, GHS07
H Statements: H312, H302, H314, H317, H412

Bis(isopropyl)naphthalene

CAS Number: 38640-62-9
EC Number: 254-052-6
Concentration: 1 - 5%
Categories: Aquatic Chronic 1
Symbols: GHS09, GHS08
H Statements: H304, H410
M factor, acute: 1
M factor: 1

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
Symbols: GHS07, GHS09
H Statements: H315, H319, H317, H411

Salicylic acid

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

CAS Number: 69-72-7
EC Number: 200-712-3
Concentration: < 1%
Categories: Acute Tox. 4, Eye Dam. 1, Repr. 2
Symbols: GHS05, GHS07, GHS08
H Statements: H302, H318, H361d

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

Wash contaminated clothing before reuse.

Call a POISON CENTRE or doctor if you feel unwell.

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.

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.

Call a POISON CENTRE or doctor if you feel unwell.

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

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

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

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
- 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
- Collect spillage.

6.4 Reference to other sections

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

- See Section 8, 13
-

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.
- 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 food, drink and animal feedingstuffs
- 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**

- 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

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

- Wash thoroughly after handling.
 - Wear suitable protective clothing, eye/face protection and gloves
-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Clear yellowish liquid
- Odour: Amine odour
- Boiling Point/Range: No information available
- Flashpoint: >93°C
- Specific Gravity: 0.950-1.000
- Solubility in water: Immiscible with 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

- 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
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation

SECTION 11: Toxicological information (....)

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
- immiscible with water

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.
- 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
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SECTION 14: Transport information (....)

- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- ADR Packing Group: -

14.3 Sea (IMDG)

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

14.4 Environmental hazards

- Marine Pollutant

14.5 Special precautions for user

- Contains: 3,6-diazaoctanethylenediamin; triethylenetetramine
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

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

- 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 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:- 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. H361d: Suspected of damaging the unborn child. H410: Very toxic to aquatic life with long lasting effects. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.



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SECTION 16: Other information (....)

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.

--- end of safety datasheet ---
