
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 HR130 Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C01/06/03/007-H

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

- Use of the substance/mixture: Hardener component of two component heat resistant cement-modified epoxy coating

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Aquatic Acute 1, Skin Corr. 1B, Muta. 2, Carc. 1B, Repr. Cat. 1B, STOT SE 1, STOT RE 2, Aquatic Chronic 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

SECTION 2: Hazards identification (....)

H350 - May cause cancer.
H341 - Suspected of causing genetic defects.
H360Df - May damage the unborn child. Suspected of damaging fertility.
H370 - Causes damage to organs.
H373 - May cause damage to organs through prolonged or repeated exposure.
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.
H400 - Very toxic to aquatic life.

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.
P307+P311 - IF exposed: Call a POISON CENTER or doctor/physician.
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.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.

2.3 Other hazards

- Contains: Dibutyl phthalate; DBP
4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

dibutyl phthalate; DBP

CAS Number:	84-74-2
EC Number:	201-557-4
Concentration:	20 - 40%
Categories:	Repr. Cat. 1B, Aquatic Acute 1
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available

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

Symbols: GHS08, GHS09

H Statements: H360Df, H400

4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline

CAS Number: 101-77-9

EC Number: 202-974-4

Concentration: 20 - 40%

Categories: Skin Sens. 1, Muta. 2, Carc. 1B, STOT SE 1, STOT RE 2, Aquatic Chronic 2

Specific Concentration Limits: No information available

M factor: No information available

Acute toxicity estimate: Not available

Symbols: GHS08, GHS07, GHS09

H Statements: H350, H341, H370, H373, H317, H411

2,2'-iminodiethylamine; diethylenetriamine

CAS Number: 111-40-0

EC Number: 203-865-4

Concentration: 10 - 20%

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

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

bisphenol A; 4,4'-isopropylidenediphenol

CAS Number: 80-05-7

EC Number: 201-245-8

Concentration: 10 - 20%

Categories: Eye Dam. 1, Skin Sens. 1, Repr. Cat. 1B, STOT SE 3

Specific Concentration Limits: No information available

M factor: No information available

Acute toxicity estimate: Not available

Symbols: GHS05, GHS08, GHS07

H Statements: H360f, H335, H318, H317

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Apply artificial respiration only if patient is not breathing
- If breathing is difficult, oxygen should be given by a trained person
- Take off contaminated clothing.

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

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

Contact with skin

Wash affected area with plenty of water
Wash Skin for 15 minutes after exposure
Remove contaminated clothing
If skin irritation occurs, apply corticosteroid cream
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF exposed: Call a POISON CENTER or doctor/physician.
IF exposed or concerned: Get medical advice/attention.

Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Irrigate eyes thoroughly whilst lifting eyelids
IF exposed: Call a POISON CENTER or doctor/physician.
IF exposed or concerned: Get medical advice/attention.

Ingestion

Never give anything by mouth to an unconscious person
Do NOT induce vomiting.
If vomiting occurs turn patient on side
IF exposed: Call a POISON CENTER or doctor/physician.
IF exposed or concerned: Get medical advice/attention.

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

Can cause damage to the eyes

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

- Immediately call a POISON CENTER or doctor/physician.

SECTION 5: Firefighting measures**5.1 Extinguishing media**

SECTION 5: Firefighting measures (....)

- 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

- Ammonia may be formed
- Nitrogen oxides may be formed
- Use of water may result in the formation of very toxic aqueous solutions
- Decomposition products may include carbon monoxide
- Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

- Do not allow run-off water to enter sewers and water sources.
 - Evacuate the area and keep personnel upwind
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SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8
- Evacuate the area and keep personnel upwind
- Ensure adequate ventilation

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Avoid release to the environment.
- Do not empty into drains
- Stop leak if safe to do so.
- Prevent further spillage if safe
- Dyke to prevent entry to sewer or waterway. Transfer liquid to a holding container

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Collect spillage.
- Place in appropriate container
- This material and its container must be disposed of as hazardous waste
- Ensure adequate ventilation

6.4 Reference to other sections

- For personal protection see section 8
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SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Eyewash bottles should be available
 - Adopt best Manual Handling considerations when handling, carrying and dispensing.
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SECTION 7: Handling and storage (....)

- Avoid contact with skin and eyes
- Use good personal hygiene practices
- Do not eat, drink or smoke when using this product.
- Get medical advice/attention if you feel unwell.
- 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 oxidising substances
- Keep away from acid
- Store in original, correctly labelled and tightly closed containers
- Store in a cool, dry, well ventilated area.
- Incompatible with reactive metals
- Store locked up.

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

111-40-0 2,2'-iminodiethylamine
WEL Long-term value: 4.3 mg/m³, 1 ppm

8.2 Exposure controls



- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- In case of insufficient ventilation, wear suitable respiratory equipment/protection.
- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
- Wash hands thoroughly after using this substance
- Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.
- Keep away from food, drink and animal feedingstuffs

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Honey colored
- Odour: Amine odour

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

- Melting point/Range: Not available
- Boiling Point/Range: No data 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: 1.1 ± 0.05 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

- Contact with organic peroxides liberates explosive gas
- Avoid contact with metals

10.4 Conditions to avoid

- No information available

10.5 Incompatible materials

- Reacts with organic peroxides
 - Incompatible with oxidizing substances
 - Incompatible with acids and alkalis
 - Avoid contact with aluminium, zinc, copper and tin
 - Sodium hypochlorite.
- Materials reactive with hydroxyl compounds.

10.6 Hazardous decomposition products

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

- Decomposition products may include nitrogen and carbon oxides
 - Decomposition products may include ammonia
 - Decomposition products may include aldehydes
 - Decomposition products may include flammable hydrocarbon fragments
 - Decomposition products may include toxic fumes
 - Decomposition products may include chlorine
 - Nitrogen oxide can react with water vapor to form corrosive nitric acid.
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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 Available

11.2.2 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 considerations13.1 Waste treatment methods

SECTION 13: Disposal considerations (....)

- 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
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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: 2,2'-iminodiethylamine; diethylenetriamine

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**



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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

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. H335: May cause respiratory irritation. H341: Suspected of causing genetic defects. H350: May cause cancer. H360Df: May damage the unborn child. Suspected of damaging fertility. H370: Causes damage to organs. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H411: 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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