Revision: 21 Jun 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: Quickmast Anchor E - Hardener
- Product Part Number: C15/03/04/015Hex

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

- Use of the substance/mixture: Hardener component of epoxy resin cartridge system for anchoring

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Inc
- Address of Supplier: 2826 Lineberger Industrial Dr,
  Lancaster,
  SC 29720
- Telephone: +1 803-286-5430
- Fax: +1 803-286-5432
- Email: info.usa@dcp-int.com

1.4 Emergency telephone number

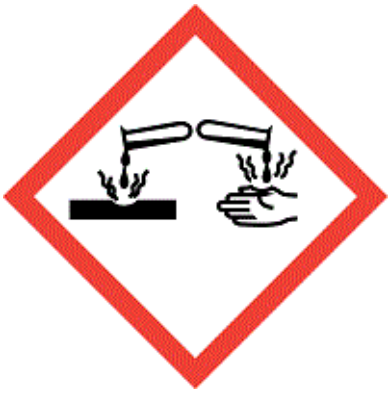
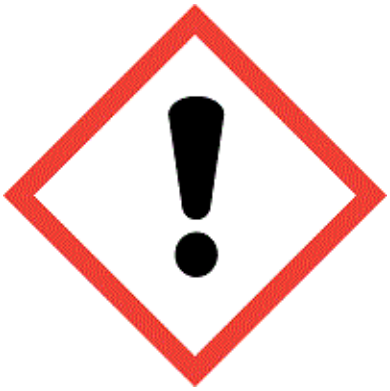
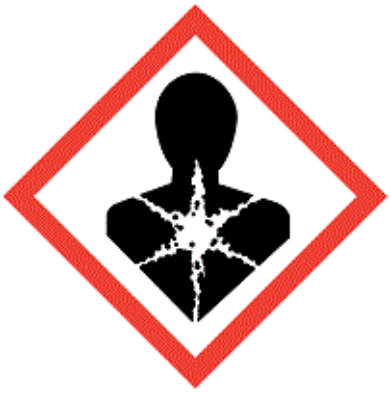
- Emergency Telephone: +1 803-286-5430 (Available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Repr. 2, Aquatic Chronic 3

2.2 Label elements

- Signal Word: Danger

SECTION 2: Hazards identification (....)

- Hazard statements

  H314 - Causes severe skin burns and eye damage.

  H318 - Causes serious eye damage.

  H317 - May cause an allergic skin reaction.

  H361 - Suspected of damaging fertility or the unborn child.

  H412 - Harmful to aquatic life with long lasting effects.

  - Corrosive. Prolonged contact causes serious eye and tissue damage. Contains a substance/a group of substances which may damage fertility and the unborn child.
  - The product contains a substance which may have hazardous effects on the environment.

- 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.

  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.

  P264 - Wash hands thoroughly after handling.

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

  P273 - Avoid release to the environment.

  P501 - Dispose of contents/container to in accordance with national regulations

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

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

  P362+P364 - Take off contaminated clothing and wash it before reuse.

  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].

  P308+P311 - IF exposed or concerned: Call a POISON CENTER/doctor.

  P405 - Store locked up.

2.3 Other hazards

- Contains: STYRENATED PHENOL, 2-PIPERAZIN-1-YLETHYLAMINE, 1,3-CYCLOHEXANEBIS(METHYLAMINE), SALICYLIC ACID

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- Silica

  CAS Number: 14808-60-7

  EC Number: 238-878-4

  Concentration: 20 - 50%

  Categories: STOT RE 2

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

- Phenol, styrenated
  - CAS Number: 61788-44-1
  - EC Number: 262-975-0
  - Concentration: 10 - 20%
  - Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1A, Aquatic Chronic 2
  - Symbols: GHS07, GHS09
  - H Statements: H315, H319, H317, H411
- 2-piperazin-1-ylethylamine
  - CAS Number: 140-31-8
  - EC Number: 205-411-0
  - Concentration: 5 - 10%
  - Categories: Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3
  - Symbols: GHS05, GHS07
  - H Statements: H312, H302, H314, H317, H412
- 1,3-Cyclohexanedimethanamine
  - CAS Number: 2579-20-6
  - EC Number: 219-941-5
  - Concentration: 1 - 5%
  - Categories: Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Aquatic Chronic 3
  - Symbols: GHS05, GHS07
  - H Statements: H302, H312, H314, H412
- Salicylic acid
  - CAS Number: 69-72-7
  - EC Number: 200-712-3
  - Concentration: 1 - 5%
  - Categories: Acute Tox. 4, Eye Dam. 1
  - Symbols: GHS05, GHS07
  - H Statements: H302, H318
- Bis(isopropyl)naphthalene
  - CAS Number: 38640-62-9
  - EC Number: 254-052-6
  - Concentration: 0.5 - 1%
  - Categories: Aquatic Chronic 1
  - Symbols: GHS09, GHS08
  - H Statements: H304, H410

SECTION 4: First aid measures

4.1 Description of first aid measures

- Wash contaminated clothing before reuse.

SECTION 4: 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.

- 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

  IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

  Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

Irritation of nose, throat and airway.
Ingestion may cause stomach pain or vomiting.
Prollonged skin contact may cause burning pain and severe corrosive skin damage.
Blistering may occur. Chemical burns.
May cause chemical eye burns. May cause blurred vision and serious eye damage.

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

- Do not use water jets
- Extinguish with foam, carbon dioxide, dry powder or water spray.

5.2 Special hazards arising from the substance or mixture

- Nitrogen and carbon oxides may be formed

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

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

- Collect spillage.
- Collect as much as possible in clean container for reuse or disposal
- Soak up with inert absorbent
- Place in appropriate container
- Dispose of this material as hazardous waste.

6.4 Reference to other sections

- See Section 8 and 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 empty into drains
- Wash skin thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Use good personal hygiene practices

7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Keep away from food, drink and animal feedingstuffs
- Store in original, tightly closed containers

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Phenol, styrenated
  DNEL
  Industry - Inhalation; Long term systemic effects: 0.734649123 mg/m³
  Industry - Dermal; Long term systemic effects: 0.416666667 mg/kg/day

- 2-piperazin-1-ylethylamine
  DNEL
  Industry - Dermal; Long term systemic effects: 3.3 mg/kg/day
  Industry - Dermal; Long term local effects: 0.006 mg/kg/day
  Industry - Dermal; Short term local effects: 0.04 mg/kg/day
  Industry - Inhalation; Long term systemic effects: 3.6 mg/m³
  Industry - Dermal; Short term systemic effects: 20 mg/kg/day
  Industry - Inhalation; Short term systemic effects: 21.4 mg/m³

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

- 1,3-Cyclohexanedimethanamine
  DNEL
  Industry - Dermal; Short term systemic effects: 6 mg/kg/day
  Industry - Inhalation; Short term systemic effects: 21.2 mg/m³
  Industry - Inhalation; Long term systemic effects: 0.71 mg/m³
  Industry - Dermal; Long term systemic effects: 0.2 mg/kg/day

- Salicylic acid
  DNEL
  Industry - Inhalation; Long term systemic effects: 16 mg/m³
  Industry - Dermal; Long term systemic effects: 2 mg/kg/day

- Bis(isopropyl)naphthalene
  DNEL
  Workers - Inhalation; Long term systemic effects: 30 mg/m³
  Workers - Dermal; Long term systemic effects: 4.3 mg/kg/day

8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Ensure adequate ventilation
- In case of inadequate ventilation wear respiratory protection.
- Wear goggles giving complete eye protection
- Do not wear contact lenses when working with this material
- Wear nitrile gloves
- Do not eat, drink or smoke when using this product.
- Avoid contact with skin
- Keep container tightly closed

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Brownish
- Odour: Characteristic. Amine.
- Boiling Point/Range: Not determined.
- Flashpoint: >100 °C Closed cup.
- pH: Not determined.
- Specific Gravity: 1.75 - 1.85
- Viscosity: > 60 S ISO 2431
- Explosive Properties: Not considered to be explosive
- Solubility in water: Not determined.

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

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

May react with: Acids. Epoxides. Oxidising agents. Peroxides.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

May react with: Acids. Epoxides. Oxidising agents. Peroxides.

10.4 Conditions to avoid

No specific requirements are anticipated under normal conditions of use.

10.5 Incompatible materials

Acids. Epoxides. Oxidising agents. Peroxides.

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity - oral
ATE oral (mg/kg): 3,344.22

Acute toxicity - dermal
ATE dermal (mg/kg): 3,918.55

Skin corrosion/irritation
Human skin model test: «328» «329» «330» «84»

Skin sensitisation
Skin sensitisation: Sensitising.

Reproductive toxicity
Reproductive toxicity - fertility: Suspected of damaging fertility.

Inhalation: Vapour may irritate respiratory system/lungs.
Ingestion: May cause stomach pain or vomiting.
Skin contact: May cause sensitisation by skin contact. May cause serious chemical burns to the skin.
Eye contact: Risk of serious damage to eyes. May cause chemical eye burns.
Acute and chronic health hazards: May cause sensitisation by skin contact. Causes severe burns.
Route of exposure: Skin and/or eye contact Inhalation

SECTION 11: Toxicological information (....)

Target organs: No specific target organs known.
Medical symptoms: Symptoms following overexposure may include the following:
Chemical burns.

- Phenol, styrenated
  LD50 (oral,rat): 2000 mg/kg
  LD50 (skin,rat): 2000 mg/kg

- 2-piperazin-1-ylethylamine
  LD50 (oral,rat): 1470 mg/kg
  LD50 (skin,rabbit): 866 mg/kg
  ATE dermal (mg/kg): 300

- 1,3-Cyclohexanedimethanamine
  LD50 (oral,rat): 700 mg/kg
  LD50 (skin,rabbit): 1700 mg/kg

- Salicylic acid
  LD50 (oral,rat): 891 mg/kg
  LD50 (skin,rat): 2000 mg/kg

- Bis(isopropyl)naphthalene
  LD50 (oral,rat): 4130 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

- Phenol, styrenated
  LC50 (fish): 14.8 mg/l (96 hr)
  EC50 (Daphnia magna): 1-10 mg/l (48 hr)

- 2-piperazin-1-ylethylamine
  LC50 (Fathead minnow): 2190 mg/l (96hr)
  EC50 (Daphnia magna): 32 mg/l (48 hr)

- 1,3-Cyclohexanedimethanamine
  LC50 (golden orfe (Leuciscus idus)): 100 mg/l (>96 hr)
  EC50 (Daphnia magna): 29 mg/l (48 hr)

- Salicylic acid
  LC50 (golden orfe (Leuciscus idus)): 90 mg/l (48 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

SECTION 12: Ecological information (....)

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

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

SECTION 14: Transport information

UN No.:	2735
Proper Shipping Name:	CORROSIVE LIQUID, N.O.S.
Hazard Class:	8
Packing Group:	II

14.1 Air (ICAO/IATA)

- ICAO UN No.: 2735
- Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: II

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 2735
- Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- ADR Hazard Class: 8
- ADR Classification Code: C7
- ADR Packing Group: II

14.3 Sea (IMDG)

SECTION 14: Transport information (....)

- IMDG UN No.: 2735
- Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- IMDG Hazard Class: 8
- IMDG Pack Group.: II

14.4 Environmental hazards

- On available data, substance is not harmful to the environment

14.5 Special precautions for user

- EmS: F-A, S-B
- ADR transport category: 2
- Emergency Action Code: 2X
- Hazard Identification Number: 80 (ADR/RID)
- Tunnel code: (E)

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. 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.

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 ---