Created: 29 May 2025

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 341 LV Hardener

Other means of Identification

- UFI: -
- Product Part Number: C11/04/02/091-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 pourable epoxy floor crack & pin hole filler

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Ltd.
- Address of Supplier: Hawthorn House
  Helions Bumpstead Rd,
  Haverhill CB9 7AA
  United Kingdom
- Telephone: +44 1 4407 66360
- Fax: +44 1 4407 68897
- Email: Info@donconstruction.co.uk, info.uk@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: +44 1 4407 66360 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

2.2 Label elements

- Signal Word: Danger

Hazard statements

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

SECTION 2: Hazards identification (....)

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

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.

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.

P310 - Immediately call a POISON CENTER or doctor/physician.

P330 - Rinse mouth.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

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 benzyl alcohol

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
Concentration:	20 - 40%
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

benzyl alcohol

CAS Number:	100-51-6
EC Number:	202-859-9
Concentration:	40 - 60%
Categories:	Acute Tox. 4, Eye Irrit. 2

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

Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07
H Statements:	H302, H319

m-phenylenebis(methylamine)

CAS Number:	1477-55-0
EC Number:	216-032-5
Concentration:	1 - 10%
Categories:	Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1B, Aquatic Chronic 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS05, GHS07
H Statements:	H302, H314, H317, H332, H412

Salicylic acid

CAS Number:	69-72-7
EC Number:	200-712-3
Concentration:	1 - 5%
Categories:	Acute Tox. 4, Eye Dam. 1, Repr. 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS05, GHS07, GHS08
H Statements:	H302, H318, H361d

3-aminomethyl-3,5,5-trimethylcyclohexylamine

CAS Number:	2855-13-2
EC Number:	220-666-8
Concentration:	10 - 30%
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

benzyldimethylamine

CAS Number:	103-83-3
EC Number:	203-149-1
Concentration:	1 - 5%
Categories:	Flam. Liq. 3, Acute Tox. 4, Skin Corr. 1B, Aquatic Chronic 3

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

Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02, GHS05, GHS07
H Statements:	H226, H332, H312, H302, H314, H412

SECTION 4: First aid measures

4.1 Description of first aid measures

- Take off contaminated clothing.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
In case of unconsciousness place patient stably in side position for transportation.
Symptoms of poisoning from inhalation may not develop for several hours
Get medical advice/attention.

Contact with skin

Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.
Rinse skin with water.
Contaminated clothing should be laundered before reuse

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Do not induce vomiting
If swallowed, rinse mouth with water (only if the person is conscious)
Seek immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

Can cause damage to the eyes

Contact with skin

Causes severe skin burns and eye damage.

Inhalation

No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

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

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Wear self contained breathing apparatus and full protective clothing

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear suitable protective clothing
- Evacuate the area and keep personnel upwind

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Neutralizing agent
- Soak up with inert absorbent
- Dispose of this material as hazardous waste.
- Ensure adequate ventilation

6.4 Reference to other sections

- For personal protection see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Do not wear contact lenses when working with this material
- Prevent formation of aerosols.
- Ensure adequate ventilation
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

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

- Store locked up.
- Store in a cool, dry, well ventilated area.
- 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

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

- DNELs
  Oral :
  Long term systemic effects: 0.05 mg/kg bw/day (general population)
  Dermal:
  Long term systemic effects: 0.05 mg/kg bw/day (general population)
  Long term systemic effects: 0.14 mg/kg bw/day (worker)
  Inhalative:
  Long term systemic effects: 0.074 mg/m³ (general population)
  Long term systemic effects: 0.493 mg/m³ (worker)

- PNECs
  PNEC aqua:
  0.111 mg/l (intermittent releases)
  0.011 mg/l (fresh water)
  0.001 mg/l (marine water)
  PNEC sediment:
  4.320 mg/kg sediment (fresh water)
  432 mg/kg sediment (marine water)
  PNEC STP:
  10mg/l (sewage)
  PNEC soil:
  864 mg/kg soil dw (soil)
  PNEC oral:
  1 mg/kg food (secondary poisoning)

benzyl alcohol
- DNELs
  Oral:
  Acute systemic effects: 20 mg/kg bw/day (general population)
  Long term systemic effects: 4 mg/kg bw/day (general population)
  Dermal:
  Acute systemic effects: 20 mg/kg bw/day (general population)
  Acute systemic effects: 40 mg/kg bw/day (worker)
  Long term systemic effects: 4 mg/kg bw/day (general population)
  Long term systemic effects: 8 mg/kg bw/day (worker)
  Inhalative:
  Acute systemic effects: 27 mg/m³ (general population)

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

Acute systemic effects: 110 mg/m³ (worker)
Long term systemic effects: 5.4 mg/m³ (general population)
Long term systemic effects: 22 mg/m³ (worker)

- PNECs
  PNEC aqua:
  1 mg/l (fresh water)
  0.1 mg/l (marine water)
  PNEC sediment:
  5.27 mg/kg sediment (fresh water)
  0.527 mg/kg sediment (marine water)
  PNEC STP:
  39 mg/l (sewage)
  PNEC soil:
  0.456 mg/kg soil dw (soil)

m-phenylenebis(methylamine)

- DNELs
  Dermal:
  Long term systemic effects: 0.33 mg/kg bw/day (worker)
  Inhalative:
  Long term systemic effects: 1.2 mg/m³ (worker)
  Long term local effects: 0.2 mg/m³ (worker)

- PNECs
  PNEC aqua:
  0.049 mg/l (fresh water)
  0.009 mg/l (marine water)
  PNEC sediment:
  0.43 mg/kg sediment (fresh water)
  0.043 mg/kg sediment (marine water)
  PNEC STP:
  10 mg/l (sewage)
  PNEC soil:
  0.045 mg/kg soil dw (soil)

3-aminomethyl-3,5,5-trimethylcyclohexylamine

- DNELs
  Oral:
  Acute systemic effects: 0.526 mg/kg bw/day (general population)
  Inhalative:
  Long term local effects: 0.073 mg/m³ (worker)
- PNECs
  PNEC aqua:
  0.23 mg/l (intermittent releases)
  0.06 mg/l (fresh water)
  0.006 mg/l (marine water)
  PNEC sediment:
  5.784 mg/kg sediment (fresh water)
  0.578 mg/kg sediment (marine water)

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

PNEC STP:
3.18 mg/l (sewage)

8.2 Exposure controls

- Keep away from food, drink and animal feedingstuffs
- Wash hands thoroughly after using this substance
- Avoid contact with skin and eyes
- 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)
- Wear suitbale protective clothing.
- Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Yellow
- Odour: Amine odour
- 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 mm^2/s
- Solubility: NA
- Vapour Pressure: Not available
- Density: 1.05 ± 0.05 g/cm^3
- 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

- Reacts with acid

10.4 Conditions to avoid

- No information available

10.5 Incompatible materials

- No information available

10.6 Hazardous decomposition products

- No hazardous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

benzyl alcohol
Oral LD_{50}: 1,620 mg/kg (rat)
Dermal LD_{50}: 2,000 mg/kg (rabbit)

m-phenylenebis(methylamine)
Oral LD_{50}: 1,180 mg/kg (mouse)
Dermal LD_{50}: > 3,100 mg/kg (rat)

3-aminomethyl-3,5,5-trimethylcyclohexylamine
Oral LD_{50}: 1,030 mg/kg (rat)
Dermal LD_{50}: >2,000 mg/kg (rat)

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties
No Informaiotion Availble

11.2.2 Information on other hazards
No Information Available

SECTION 12: Ecological information

12.1 Toxicity

- No information available

- Reaction products of 3-aminomethyl-3,5,5-trimethylcyclohexylamine and 4,4' Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane:
LC50/48h 11.1 mg/l (daphnia magna)
LC50/96h 11.1 mg/l (daphnia magna)

SECTION 12: Ecological information (....)

LC50/96h 70.7 mg/l (fish)
EC50/72h 79.4 mg/l (algae)

- Benzyl alcohol:
  LC50/96h 460 mg/l (Pimephales Promelas)
  EC50/48h 230 mg/l (daphnia magna)
  EC50/72h 770 mg/l (algae)

- m-phenylenebis(methylamine):
  LC50/96h 87.6 mg/l (leuciscus idus)
  LC50/21d 6.77 mg/l (daphnia magna)
  EC50/24h 35.1 mg/l (daphnia magna)
  EC50/48h 15.2 mg/l (daphnia magna)
  EC50/72h 20.3 mg/l (algae)
  EC50/21d 8.4 mg/l (daphnia magna)

- 3-aminomethyl-3,5,5-trimethylcyclohexylamine:
  LC50/96h 110 mg/l (leuciscus idus)
  EC50/48h 23 mg/l (daphnia magna)
  EC10/18h 1,120 mg/l (Pseudomonas putida)

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

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

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

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

14.5 Special precautions for user

- No information available
- ADR Classification Code: C9
- Contains: 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1 -chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine
  3-aminomethyl-3,5,5-trimethylcyclohexylamine
- Tunnel Restriction Code: 2
  (E)
- Tunnel Tank Restriction Codes: L4BN

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

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

SECTION 15: Regulatory information (.....)

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. 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. H319: Causes serious eye irritation. H332: Harmful if inhaled. H361d: Suspected of damaging the unborn child. 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 ---

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