
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 120 B
- Other means of Identification
- UFI: -
- Product Part Number: C12/04/03/021-B

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

- Use of the substance/mixture: Part B of elastic polyurethane based injection system

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Ayla for Building Materials Industry & Trade
- Address of Supplier: Al-Karadeh
Arsat Al-Hindia
Baghdad
- Telephone: + 964 790 1488 730
- Email: info.iraq@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: + 964 790 1488 730 (available during work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Resp. Sens. 1, Skin Sens. 1, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Carc. 2, STOT SE 3, STOT RE 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

H335 - May cause respiratory irritation.

SECTION 2: Hazards identification (....)

H332 - Harmful if inhaled.
 H351 - Suspected of causing cancer.
 H373 - May cause damage to organs through prolonged or repeated exposure.
 H315 - Causes skin irritation.
 H319 - Causes serious eye irritation.
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H317 - May cause an allergic skin reaction.
 EUH 208 - Contains Diphenylmethane-4,4'-diisocyanate, Diphenylmethanediisocyanate, isomers and homologues. May produce an allergic reaction.

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.
 P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 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.
 P308+P313 - IF exposed or concerned: Get medical advice/attention.
 P285 - In case of inadequate ventilation wear respiratory protection.
 P281 - Use personal protective equipment as required.
 P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ .
 P201 - Obtain special instructions before use.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- As from 24 August 2023 adequate training is required before industrial or professional use
- Contains: Diphenylmethandiisocyanate, isomers and homologues
 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Diphenylmethandiisocyanate, isomers and homologues

CAS Number:	9016-87-9
EC Number:	618-498-9
Concentration:	40 - 70%
Categories:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 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, GHS08
H Statements: H315, H317, H319, H332, H334, H335, H351, H373

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

CAS Number: 101-68-8
EC Number: 202-966-0
Concentration: 20 - 40%
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS08, GHS07
H Statements: H351, H332, H373, H319, H335, H315, H334, H317

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

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water
Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
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.
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Get medical advice/attention.

Ingestion

IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTRE or doctor if you feel unwell.

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

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

Irritating to eyes

Contact with skin

Irritating to skin

May cause an allergic skin reaction.

Inhalation

May cause respiratory irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Ingestion

May be harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

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

- Carbon oxides may be formed
- Risk of explosion by shock, friction, fire or other sources of ignition
- Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

- Evacuate area.
- In the event of an adjacent fire, cool containers with water spray
- Wear self contained breathing apparatus and full protective clothing
- 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
- Ventilate area
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes

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

- Wear suitable protective clothing

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Soak up with inert absorbent
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
- Dispose of this material as hazardous waste.

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

- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Wash contaminated clothing before reuse.
- Wash thoroughly after handling.
- Call a POISON CENTRE or doctor if you feel unwell.
- 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

- 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
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

Belgium - Occupational Exposure Limits

TWA - 8 hour 0.052 mg/m³.

Regulatory Reference: Koninklijk besluit/Arrete royal 11/05/2021

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

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

DNEL (Industry; dermal, short term local effects): 28.7 mg/cm²

DNEL (Industry; dermal, short term systemic effects): 50 mg/kg bw/day

DNEL (Industry; inhalational, short term local effects): 0.1 mg/m³

DNEL (Industry; inhalational, short term systemic effects): 0.1 mg/m³

DNEL (Industry; inhalational, long term local effects): 0.05 mg/m³

DNEL (Industry; inhalational, long term systemic effects): 0.05 mg/m³

PNEC (Fresh water): > 1 mg/l

PNEC (Marine water): > 0.1 mg/l

PNEC (Soil): > 1 mg/kg dwt

PNEC (STP): > 1 mg/l

8.2 Exposure controls



- Ensure adequate ventilation
- Wear suitable protective clothing, eye/face protection and gloves
- In case of inadequate ventilation wear respiratory protection.
- Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Brown
- Odour: Characteristic 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 mm²/s
- Solubility: NA
- Vapour Pressure: Not available
- Density: 1.105 g/cm³ at 25 °C
- Vapour Density: Not available
- Particle characteristics: NA

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

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

- Reacts with moist air or water

10.2 Chemical stability

- Considered stable under normal conditions
- Reacts with water

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid exposure to high temperature or direct sunlight.

10.5 Incompatible materials

- No information available

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 (inhalation): Inhalation:dust, mist: Harmful if inhaled

Quickmast 120 B

ATE CLP (dust, mist): 4.862 mg/l/4h

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

LD₅₀ (oral, rat): > 2000 mg/kg

LD₅₀ (dermal, rabbit): > 9400 mg/kg

NOAEL (chronic, oral, animal/male, 2 years): 0.2 mg/kg bw

NOAEL (chronic, oral, animal/female, 2 years): 0.2 mg/kg bw

LOAEL (animal/male, F0/P): 1 mg/kg

LOAEL (animal/female, F0/P): 1 mg/kg

STOT-single exposure: May cause respiratory irritation

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure

SECTION 11: Toxicological information (....)

Diphenylmethandiisocyanate, isomers and homologues

LD₅₀ (oral, rat): > 10000 mg/kg

LD₅₀ (dermal, rabbit): > 9400 mg/kg

LC₅₀ (inhalation, rat): 0.31 mg/l/4h

Causes skin irritation.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Suspected of causing cancer.

NOAEL (chronic, oral, animale/male, 2 years): 0.2 mg/kg bw

NOAEL (chronic, oral, animale/female, 2 years): 0.2 mg/kg bw

LOAEL (animal/male, F0/P): 1 mg/kg

LOAEL (animal/female, F0/P): 1 mg/kg

STOT-single exposure: May cause respiratory irritation

STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure

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

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

LC₅₀ - Fish: >100 mg/l

EC₅₀ - Crustacea: >100 mg/l

EC₅₀ 72h - Algae: >100 mg/l

ErC₅₀ algae: >1.64 mg/l

NOEC (chronic): > 100 mg/l *Eisenia fetida*

Diphenylmethandiisocyanate, isomers and homologues

LC₅₀ - Fish: > 100 mg/l

EC₅₀ - Crustacea: > 100 mg/l

EC₅₀ 72h - Algae: > 100 mg/l

ErC₅₀ algae: > 1.64 mg/l

NOEC (chronic): > 100 mg/l *Eisenia fetida*

NOEC chronic crustacea: > 10 mg/l

12.2 Persistence and degradability

- No information available

Quickmast 120 B

SECTION 12: Ecological information (....)

Rapidly degradable

Diphenylmethane-4,4' -diisocyanate (101-68-8)
{0}% biodegradation {1}

Diphenylmethanediisocyanate, isomers and homologues (9016-87-9)
Not readily biodegradable, {0}% biodegradation {1}

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- No information available

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

14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

14.2 Road/Rail (ADR/RID)

- Not classified as hazardous for transport

14.3 Sea (IMDG)

- Not classified as hazardous for transport

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available

Created: 26 Aug 2024

SECTION 14: Transport information (....)

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

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:- H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H351: Suspected of causing cancer. H373: May cause damage to organs through prolonged or repeated exposure.

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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