Created: 19 Aug 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: Keyfix P - Part A

Other means of Identification

- UFI: -
- Product Part Number: C02/03/04/016 - Part A

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

- Use of the substance/mixture: Styrene-free polyester anchoring system for uncracked concrete and masonry

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products
- Address of Supplier: P.O.Box 24839, Doha, Qatar
- Telephone: + 974 4 411 4004
- Fax: + 974 4 411 4014
- Email: info.qatar@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: + 974 4 411 4004 (available during work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3, Aquatic Chronic 3

2.2 Label elements

- Signal Word: Warning

Hazard statements

H226 - Flammable liquid and vapour.

EUH208 - Contains Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl]. May produce an allergic reaction.

H412 - Harmful to aquatic life with long lasting effects.

SECTION 2: Hazards identification (....)

Precautionary statements

P501 - Dispose of contents/container to an authorised waste collection point

P403+P235 - Store in a well-ventilated place. Keep cool.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P370+P378 - In case of fire: Use Use Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC) to extinguish. to extinguish.

P233 - Keep container tightly closed.

2.3 Other hazards

- No information available

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Vinyltoluene

CAS Number:	25013-15-4
EC Number:	246-562-2
Concentration:	8 - 10%
Categories:	Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02, GHS09, GHS07
H Statements:	H226, H332, H304, H315, H319, H411, H400

Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy) ethyl]

CAS Number:	-
EC Number:	911-490-9
Concentration:	0.5 - 1%
Categories:	Acute Tox. 4, Skin Irrit. 2, 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:	H302, H315, H317, H318, H412

1,4-dihydroxybenzene; hydroquinone; quinol

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

CAS Number:	123-31-9
EC Number:	204-617-8
Concentration:	0.01 - 0.1%
Categories:	Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Muta. 2, Carc. 2, Aquatic Acute 1
Specific Concentration Limits:	No information available
M factor:	10
Acute toxicity estimate:	Not available
Symbols:	GHS05, GHS08, GHS07, GHS09
H Statements:	H351, H341, H302, H318, H317, H400
M factor, acute:	10

SECTION 4: First aid measures

4.1 Description of first aid measures

- Get medical advice/attention if you feel unwell.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Get medical attention if patient feels unwell or if discomfort continues.

Contact with skin

Remove contaminated clothing
Wash affected area with plenty of soap and water

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.
Seek immediate medical attention
Continue flushing with water until medical help arrives

Ingestion

Do NOT induce vomiting.
Rinse mouth with water (do not swallow)
Keep warm and at rest

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

See Section 2 and 11

Contact with skin

See Section 2 and 11

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

Inhalation

See Section 2 and 11

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
- Wear chemical protection suit and breathing apparatus
- Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)
- Shut off all ignition sources
- Keep container(s) exposed to fire cool, by spraying with water

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Shut off all ignition sources
- Use non-sparking handtools
- Do not allow to enter public sewers and watercourses
- Ventilate area
- Wear suitable protective clothing

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Do not absorb spillage in sawdust or other combustible material
- Absorb spillage in inert material and shovel up
- Collect as much as possible in clean container for reuse or disposal

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

6.4 Reference to other sections

- For personal protection see section 8

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Eyewash bottles should be available
- Do not wear contact lenses when working with this material
- Dispose of contents/container to an authorised waste collection point
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Keep container tightly closed
- Stop leak if safe to do so.
- Keep container in a well ventilated place
- Shut off all ignition sources
- Take action to prevent static discharges.
- Ground and bond container and receiving equipment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use explosion-proof [electrical/ventilating/lighting/
- Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep cool.
- Keep only in the original container at a temperature not exceeding 25 °C
- Store above 5 °C
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

EH40/2005 Workplace exposure limits, fourth edition, published 2020:
- Titanium Dioxide (CAS: 13463-67-7): WEL (8h): 4 mg/m³

DNEL (Workers):
- Hydroquinone (CAS: 123-31-9): Long term systemic effects (Dermal): 3.33 mg/kg
  Long term systemic effects (inhalation): 2.1 mg/m³

DNEL (General population):
- Hydroquinone (CAS: 123-31-9): long term systemic effects (Oral): 0.6 mg/kg
  long term systemic effects (Dermal): 1.66 mg/kg
  long term systemic effects (inhalation): 1.05 mg/m³

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

8.2 Exposure controls

- Wear suitable protective clothing, eye/face protection and gloves
- Wear anti-static clothing and shoes
- Wear suitable protective gloves. Be aware that liquid may penetrate gloves. Frequent change is advisable
- Eyewash bottles should be available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Cream_paste
- Colour: Grey
- Odour: Aromatic odour
- Melting point/Range: Not available
- Boiling Point/Range: 129 ºC at atmospheric pressure
- Flammability: No information available
- Lower explosive limit: NA% (in air)
- Upper explosive limit: NA% (in air)
- Flashpoint: 53°C
- Autoignition Temperature: 324 ºC
- Decomposition temperature: NA
- pH: 6 (at 10 %)
- Kinematic viscosity: at 40° C > 20.5 mm²/s
- Solubility: NA
- Vapour Pressure: at 20 ºC 2021 Pa, at 50 ºC 10681.01 Pa
- Density: 1.7 (relative) g/cm³ at 20 °C
- 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

SECTION 10: Stability and 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

- Avoid exposure to high temperature or direct sunlight.

10.5 Incompatible materials

- Strong oxidising agents
- Strong acids.
- Avoid contact with alkalis (strong bases)

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The experimental information related to the toxicological properties of the product itself is not available.

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits,
adverse effects on health may result, depending on the means of exposure:

A-Ingestion (acute effect):
- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as
dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances
classified as hazardous for this effect. For more information see section 3.

B-Inhalation (acute effect):
- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified
as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances
classified as hazardous for this effect. For more information see section 3.

C-Contact with the skin and the eyes (acute effect):
- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances
classified as hazardous for skin contact. For more information see section 3.

SECTION 11: Toxicological information (....)

- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances
classified as hazardous for this effect. For more information see section 3.

D-CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
- Carcinogenicity: Based on available data, the classification criteria are not met. However, it contains substances classified
as dangerous with carcinogenic effects. For more information see section 3.
IARC: Vinyltoluene (3); Hydroquinone (3); 2,2´,2´´-nitrilotriethanol (3); Titanium dioxide (2B)
- Mutagenicity: Based on available data, the classification criteria are not met. However, it contains substances classified as
dangerous with mutagenic effects. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances
classified as hazardous for this effect. For more information see section 3.

E-Sensitizing effects:
- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as
hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met. However, it contains substances classified as
dangerous with sensitising effects. For more information see section 3

F-Specific target organ toxicity (STOT) - single exposure:
Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for
this effect. For more information see section 3.

G-Specific target organ toxicity (STOT)-repeated exposure:
- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as
it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as
hazardous for this effect. For more information see section 3.

H-Aspiration hazard:
Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous
for this effect. For more information see section 3

Specific toxicology information on the substances:
- Vinyltoluene (CAS:25013-15-4): LD50 (Oral): > 5000 mg/kg (Rat)
LD50 (Dermal): > 2000 mg/kg
LC50 (Inhalation vapor): 11 mg/L

- Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2hydroxyethoxy) ethyl](4-methylphenyl)amino]-
(EC: 911-490-9): LD50 (Oral): 619 mg/kg (rat)
LD50 (Dermal): > 2000 mg/kg
LC50 (Inhalation vapor): > 20 mg/L

SECTION 11: Toxicological information (....)

- Hydroquinone (CAS: 123-31-9): LD50 (Oral): 375 mg/kg
  LD50 (Dermal): > 2000 mg/kg
  LC50 (Inhalation dust): > 5 mg/L

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

Acute toxicity:

- Vinyltoluene (CAS; 25013-15-4): LC50 (Fish): > 0.1 - 1 mg/L (96h)
  EC50 (Crustacean): > 0.1 - 1 mg/L (48h)
  EC50 (Algae): > 0.1 - 1 mg/L (72h)

- Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-(EC; 911-490-9): LC50 (Fish - Cyprinus carpio): 110 mg/L (96h)
  EC50 (Crustacean - Daphnia magna): 48 mg/L (48h)
  EC50 (Algae - Pseudokirchneriella subcapitata): 110 mg/L (72h)

- Hydroquinone (CAS: 123-31-9): LC50 (Fish - Oncorhynchus mykiss): 0.638 mg/L (96h)
  EC50 (Crustacean - Daphnia magna): 0.134 mg/L (48h)
  EC50 (Algae - Pseudokirchneriella subcapitata): 0.33 mg/L (72h)

Chronic toxicity:

- Vinyltoluene (CAS: 25013-15-4): NOEC (Fish): 1.16 mg/L
  NOEC (Crustacean - Daphnia magna): 0.32 mg/L

12.2 Persistence and degradability

- No information available

Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino] (EC: 911-490-9): Concentration: 18 mg/L
Period: 28 days
% biodegradable: 1.5%

Hydroquinone (CAS: 123-31-9): Concentration: 600 mg/L
Period: 28 days
% biodegradable: 80%

12.3 Bioaccumulative potential

SECTION 12: Ecological information (....)

- No information available

Vinyltoluene (CAS:25013-15-4): BCF: 5
Pow log: 3.44
Potenial: Low

Reaction mass of 2,2´-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy) ethyl](4
methylphenyl)amino]- (EC: 911-490-9): Pow log: 2.22

Hydroquinone (CAS:123-31-9): BCF: 3
Pow log: 0.59
Potential: Low

12.4 Mobility in soil

- immiscible with water

Vinyltoluene (CAS: 25013-15-4): Surface tension: 3.2E-2 N/m (20 ºC)

Hydroquinone (CAS: 123-31-9): Koc: 50
Conclusion: Very high
Surface tension: 6.35E-3 N/m (360.18 ºC)

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
- Waste code number: 08 04 09* (waste adhesives and sealants containing organic solvents or other hazardous substances)
- Type of waste: HP14 Ecotoxic, HP3 Flammable

SECTION 14: Transport information

SECTION 14: Transport information (....)

14.1 Air (ICAO/IATA)

- ICAO UN No.: 1133
- Proper Shipping Name: ADHESIVES
- ICAO Hazard Class: 3
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1133
- Proper Shipping Name: ADHESIVES
- ADR Hazard Class: 3

14.3 Sea (IMDG)

- IMDG UN No.: 1133
- Proper Shipping Name: ADHESIVES
- IMDG Hazard Class: 3
- IMDG Packing Group.: III

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available
- ADR Classification Code: F1
- Tunnel Restriction Code: 3 (E)

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:- H226: Flammable liquid and vapour. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. 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. H341: Suspected of

SECTION 16: Other information (....)

causing genetic defects. H351: Suspected of causing cancer. H400: Very toxic to aquatic life. 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 ---

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