
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 B
- Other means of Identification
- UFI: -
- Product Part Number: C02/03/04/016 - Part B

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: Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1, Eye Irrit. 2

2.2 Label elements



- Signal Word: Warning

Hazard statements

- H410 - Very toxic to aquatic life with long lasting effects.
- H319 - Causes serious eye irritation.
- H317 - May cause an allergic skin reaction.

Precautionary statements

Created: 18 Aug 2025

SECTION 2: Hazards identification (....)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash thoroughly after handling

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

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

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

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

2.3 Other hazards

- Contains: Dibenzoyl peroxide; benzoyl peroxide

SECTION 3: Composition/information on ingredients

3.2 Mixtures

dibenzoyl peroxide; benzoyl peroxide

CAS Number: 94-36-0

EC Number: 202-327-6

Concentration: 5 - 8%

Categories: Org. Perox. B, Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1

Specific Concentration Limits: % (w/w) ≥ 52 : Org. Perox. B - H241
35 \leq % (w/w) < 52 : Org. Perox. D - H242

M factor: Acute: 10
Chronic: 10

Acute toxicity estimate: Not available

Symbols: GHS01, GHS02, GHS09, GHS07

H Statements: H241, H317, H319, H410, H400

SECTION 4: First aid measures

4.1 Description of first aid measures

- IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

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

May cause an allergic skin reaction.

Wash affected area with plenty of soap and water

In case of changes on the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet.

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

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

Do not allow the person affected to rub or close their eyes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Get immediate medical advice/attention.

Ingestion

Get immediate medical advice/attention.

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

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

- Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes.

5.3 Advice for firefighters

- 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
- Storage tanks should be equipped with water sprays for emergency cooling
- Do not allow run-off water to enter sewers and water sources.

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures (....)**6.1 Personal precautions, protective equipment and emergency procedures**

- Heating may cause a fire or explosion.
- Shut off source of leak if safe to do so
- Evacuate the area and keep personnel upwind
- Wear protective clothing as per section 8
- Ensure adequate ventilation
- Keep away from heat and sources of ignition
- Take action to prevent static discharges.
- Ground and bond container and receiving equipment.

6.2 Environmental precautions

- Avoid release to the environment.
- 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

- Collect spillage.
- Absorb spillage in suitable inert material
- Do not absorb spillage in sawdust or other combustible material
- 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**

- Dispose of contents/container to an authorised waste collection point
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Protect from heat
- See Section 10 for conditions and materials that should be avoided.
- Keep only in original packaging.

7.2 Conditions for safe storage, including any incompatibilities

- 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:

- Glycerol (CAS: 56-81-5): WEL (8h) = 10 mg/m³
- Zinc distearate (CAS: 557-05-1): WEL (8h) 4 mg/m³
: WEL (15 min) 20 mg/m³
- Dibenzoyl peroxide (CAS: 94-36-0): WEL (8h): 5 mg/m³

DNEL (Workers)

- Dibenzoyl peroxide (CAS: 94-36-0): Long term systemic effects (Dermal) = 13.3 mg/kg
Long term systemic effects (inhalation) = 39 mg/m³

DNEL (General population)

- Dibenzoyl peroxide (CAS: 94-36-0): Long term systemic effects (Oral) = 2 mg/kg

PNEC

- Dibenzoyl peroxide (CAS: 94-36-0): STP: 0.35 mg/L
Soil: 0.003 mg/kg
Intermittent: 0.00602 mg/L
Fresh water: 0.00002 mg/L
Marine water: 0.000002 mg/L
Sediment (Fresh water): 0.013 mg/kg
Sediment (Marine water): 0.001 mg/kg

8.2 Exposure controls



- Wear suitable protective clothing.
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear suitable gloves
- Wear goggles giving complete eye protection
- Eyewash bottles should be available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: White
- 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: >60°C

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

- Autoignition Temperature: 435 °C
- Decomposition temperature: NA
- pH: 7 (at 10%)
- Kinematic viscosity: NA mm²/s
- Solubility: NA
- Vapour Pressure: At 20°C 2350 Pa, at 50°C 12381.01 Pa
- Density: 1619.5 kg/m³ 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

- 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 acids.
- Strong oxidising agents
- Incompatible with combustible material
- Incompatible with alkaline earth metals
- Incompatible with organic peroxides

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Dangerous health implications:

SECTION 11: Toxicological information (....)

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, as it does not contain substances classified as hazardous for consumption. 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.

B-Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain 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, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

D-CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Glass, oxide, chemicals (1); Dibenzoyl peroxide (3)
- Mutagenicity: 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.
- 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: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

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.

Created: 18 Aug 2025

SECTION 11: Toxicological information (....)

- 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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Specific toxicology information on the substances:

- Dibenzoyl peroxide (CAS: 94-36-0): LD50 Oral = 7710 mg/kg (rat)
LD50 Dermal = > 2000 mg/kg
LC50 Inhalation dust = > 5 mg/L

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

Acute toxicity:

- Dibenzoyl peroxide (CAS: 94-36-0): LC50 = 0.0602 mg/L (96h) (Fish - *Oncorhynchus mykiss*)
EC50 = 0.11 mg/L (48h) (Crustacean - *Daphnia Magna*)
EC50 = 0.071 mg/L (72h) (Algae - *Pseudokirchneriella*)

Chronic toxicity:

- Dibenzoyl peroxide (CAS: 94-36-0): NOEC = >0.01 - 0.1 mg/L (Fish, Crustacean)

12.2 Persistence and degradability

- No information available

Dibenzoyl peroxide: period = 10 days

% Biodegradable = 68%

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

Dibenzoyl peroxide (CAS: 94-36-0): Koc = 6309.57

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

SECTION 12: Ecological information (....)

- No information available
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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
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SECTION 14: Transport information

14.1 Air (ICAO/IATA)

- ICAO UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- ICAO Hazard Class: 9
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- ADR Hazard Class: 9

14.3 Sea (IMDG)

- IMDG UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- IMDG Hazard Class: 9
- IMDG Packing Group.: III

14.4 Environmental hazards

- No information available
- Marine Pollutant

14.5 Special precautions for user

- No information available
- ADR Classification Code: M6
- Tunnel Restriction Code: 3 (-)

Created: 18 Aug 2025

SECTION 14: Transport information (....)

- Tunnel Tank Restriction Codes: LGBV
- Contains: Dibenzoyl peroxide; benzoyl peroxide

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:- H241: Heating may cause a fire or explosion. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H410: Very 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.

--- end of safety datasheet ---
