

Created: 5 Oct 2023

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: Virtus 205 - Hardener
- Product Part Number: C01/09/03/022H

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

- Use of the substance/mixture: Catalyst for High quality, fast set polyester stone adhesive and putty

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products/Jordan
- Address of Supplier: P.O.Box 1117
Amman 11118
Jordan
- Telephone: + 962 6 533 8891
- Fax: + 962 6 533 8829
- Email: info.jordan@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: + 962 6 533 8891 (available during work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Eye Irrit. 2, Org. Perox. EF, Aquatic Chronic 1, Aquatic Acute 1

2.2 Label elements



- Signal Word: Warning

Hazard statements

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

SECTION 2: Hazards identification (....)

H242 - Heating may cause a fire.

Precautionary statements

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

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

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

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

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.

P337+P313 - If eye irritation persists: Get medical advice/attention.

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

P363 - Wash contaminated clothing before reuse.

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

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: 45 - 55%

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

Symbols: GHS01, GHS02, GHS07, GHS09

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

Dimethyl phthalate

CAS Number: 131-11-3

EC Number: 205-011-6

Concentration: 25 - 35%

Categories: Not Classified

Symbols: None

H Statements: None

ethanediol; ethylene glycol

CAS Number: 107-21-1

EC Number: 203-473-3

Concentration: 0.1 - 10

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

Categories: Acute Tox. 4
Symbols: GHS07
H Statements: H302

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 soap and water
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.

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

Do NOT induce vomiting.
Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- No information available

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5: Firefighting measures

5.1 Extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:
Carbonic anhydride (CO₂)
Carbon monoxide (CO)
Benzoic acid
Benzene
Biphenyl
Phenyl benzoate

SECTION 5: Firefighting measures (....)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters

- Avoid breathing dust/fume/gas/mist/vapours/spray.
 - Do not allow run-off water to enter sewers and water sources.
 - In the event of an adjacent fire, cool containers with water spray
 - Wear self contained breathing apparatus and full protective clothing
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- In case of leakage, eliminate all ignition sources.
- Ensure adequate ventilation
- Keep away from heat and sources of ignition
- Wash thoroughly after dealing with spillage
- Wear suitable protective clothing

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- Prevent further spillage if safe
- Shut off all ignition sources

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Collect as much as possible in clean container for reuse or disposal
- Ensure adequate ventilation
- Contain spillage with sand, earth or other non-combustible material.
- Wear suitable protective clothing, eye/face protection and gloves

6.4 Reference to other sections

- See Section 8, 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well ventilated areas.
Ensure good ventilation/exhaustion at the workplace.
Keep away from heat and direct sunlight.
Protect against electrostatic charges.
· Information about fire - and explosion protection:
Substance/product is oxidising when dry.
Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

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

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in the original receptacle.

· Information about storage in one common storage facility:

Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

· Further information about storage conditions:

Store receptacle in a well ventilated area.

Prevent from drying out.

Keep container tightly sealed.

The product, stored in the original containers, away from sunlight, maintains its properties for 12 months from the production date.

· Recommended storage temperature: +5 °C / +25 °C

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls



- Avoid contact with skin and eyes
- Contaminated work clothing should not be allowed out of the workplace.
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- In case of inadequate ventilation wear respiratory protection.
- Keep away from food, drink and animal feedingstuffs
- Wash hands thoroughly after using this substance
- Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: White paste
- Odour: Characteristic odour
- Boiling Point/Range: No information available
- pH: No information available
- Specific Gravity: 1.15-1.25
- Solubility in water: Immiscible with water
- Flashpoint: No information available

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

9.2 Other information

- 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

No decomposition if used and stored according to specifications.

Exothermic thermal decomposition.

Visible decomposition with spontaneous ignition on heating.

SADT = 50 °C

SADT (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition

may occur with a substance in the packaging as used in transport.

A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused

by thermal decomposition at and above the SADT.

Contact with incompatible substances can cause decomposition at or below the SADT.

10.3 Possibility of hazardous reactions

Reacts with reducing agents.

Reacts with heavy metals.

Reacts with alkali, amines and strong acids.

10.4 Conditions to avoid

- No known conditions that are likely to result in a hazardous reaction/situation.

10.5 Incompatible materials

Reducing agents like amines, acids, alkali, compounds based on heavy metals (p.e. accelerators)

10.6 Hazardous decomposition products

Benzoic acid

Benzene

Biphenyl

Phenyl benzoate

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Causes serious eye irritation.
- May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1 Toxicity

SECTION 12: Ecological information (....)

- No information available
- 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 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



- 14.1 Air (ICAO/IATA)
- ICAO UN No.: 3108
 - Proper Shipping Name: ORGANIC PEROXIDE TYPE E, SOLID
 - ICAO Hazard Class: 5.2
- 14.2 Road/Rail (ADR/RID)
- ADR UN No.: 3108
 - Proper Shipping Name: ORGANIC PEROXIDE TYPE E, SOLID
 - ADR Hazard Class: 5.2
- 14.3 Sea (IMDG)
- IMDG UN No.: 3108
 - Proper Shipping Name: ORGANIC PEROXIDE TYPE E, SOLID
 - IMDG Hazard Class: 5.2
- 14.4 Environmental hazards

SECTION 14: Transport information (....)

- Marine pollutant

14.5 Special precautions for user

- No information available

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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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 REACH chemical safety assessment has not been carried out
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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. H302: Harmful if swallowed. 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.

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