
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: Strongcoat PA500 - Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C02/05/08/127H

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

- Use of the substance/mixture: Hardener component of polyaspartic aliphatic flooring system

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Dam. 1, STOT SE 1, STOT RE 2, Aquatic Chronic 2, Skin Sens. 1, Aquatic Acute 1, Repr. Cat. 1B, Carc. 1B, Muta. 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

H370 - Causes damage to organs.

H373 - May cause damage to organs through prolonged or repeated exposure.

SECTION 2: Hazards identification (....)

- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H317 - May cause an allergic skin reaction.
- H360Df - May damage the unborn child. Suspected of damaging fertility.
- H341 - Suspected of causing genetic defects.
- H411 - Toxic to aquatic life with long lasting effects.
- H400 - Very toxic to aquatic life.

Precautionary statements

- P501 - Dispose of contents/container to an authorised waste collection point
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P307+P311 - IF exposed: Call a POISON CENTER or doctor/physician.
- 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.
- P264 - Wash
- P270 - Do not eat, drink or smoke when using this product.

2.3 Other hazards

- Contains: 4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

SECTION 3: Composition/information on ingredients**3.2 Mixtures****dibutyl phthalate; DBP**

- | | |
|--------------------------------|--------------------------------|
| CAS Number: | 84-74-2 |
| EC Number: | 201-557-4 |
| Concentration: | 20 - 40% |
| Categories: | Repr. Cat. 1B, Aquatic Acute 1 |
| Specific Concentration Limits: | No information available |
| M factor: | No information available |
| Acute toxicity estimate: | Not available |
| Symbols: | GHS08, GHS09 |
| H Statements: | H360Df, H400 |

4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline

- | | |
|-------------|-----------|
| CAS Number: | 101-77-9 |
| EC Number: | 202-974-4 |

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

Concentration: 20 - 40%
 Categories: Skin Sens. 1, Muta. 2, Carc. 1B, STOT SE 1, STOT RE 2, Aquatic Chronic 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS08, GHS07, GHS09
 H Statements: H350, H341, H370 **, H373 **, H317, H411

Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

CAS Number: 68082-29-1
 EC Number: 500-191-5
 Concentration: 20 - 40%
 Categories: Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1A, Aquatic Chronic 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS09, GHS07, GHS05
 H Statements: H315, H317, H318, H411

3,6-diazaoctanethylenediamin; triethylenetetramine

CAS Number: 112-24-3
 EC Number: 203-950-6
 Concentration: 1 - 5%
 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, H314, H317, H412

benzyl alcohol

CAS Number: 100-51-6
 EC Number: 202-859-9
 Concentration: 1 - 5%
 Categories: Acute Tox. 4, Eye Irrit. 2, Skin Sens. 1B
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07
 H Statements: H302, H317, H319

2,4,6-tris(dimethylaminomethyl)phenol

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

CAS Number:	90-72-2
EC Number:	202-013-9
Concentration:	1 - 10%
Categories:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07
H Statements:	H302, H319, H315

Bis[(dimethylamino)methyl]phenol

CAS Number:	71074-89-0
EC Number:	275-162-0
Concentration:	< 0.5%
Categories:	Acute Tox. 4, Skin Corr. 1B, STOT SE 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS05, GHS07
H Statements:	H302, H312, H314, H335

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Apply artificial respiration only if patient is not breathing
- If heartbeat is absent, give external cardiac compression
- If breathing is difficult give oxygen

Inhalation

Seek immediate medical attention
Apply artificial respiration only if patient is not breathing
Remove patient to fresh air
Keep warm and at rest

Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water
NOTE TO PHYSICIANS:
Application of corticosteroid cream has been effective in treating skin irritation.

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

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

Continue flushing with water until medical help arrives

Ingestion

Never give anything by mouth to an unconscious person

Do NOT induce vomiting.

If vomiting occurs turn patient on side

4.2 Most important symptoms and effects, both acute and delayed**Contact with eyes**

Irritating to eyes

Contact with skin

Irritating to skin

Inhalation

No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

- 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

- May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses. Incomplete combustion may form carbon monoxide. Ammonia gas may be liberated at high temperatures. In case of incomplete combustion an increased formation of oxides of nitrogen (NOx) is to be expected. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.

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.
 - Wear protective clothing as per section 8
 - Wear chemical protection suit and positive-pressure breathing apparatus
-

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

- Do not allow to enter public sewers and watercourses
-

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

- Evacuate the area and keep personnel upwind
- Wear suitable respiratory protection

6.2 Environmental precautions

- Construct a dike to prevent spreading.

6.3 Methods and material for containment and cleaning up

- Collect spillage.
- Place in appropriate container
- This material and its container must be disposed of as hazardous waste
- Wear suitable protective clothing, eye/face protection and gloves
- Stop leak if safe to do so.

6.4 Reference to other sections

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.
- Avoid contact with skin and eyes
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Keep away from oxidising substances
- Keep away from acid
- Store in a cool, dry, well ventilated area.
- Keep container tightly closed.
- Do not store in reactive metal containers.

7.3 Specific end use(s)

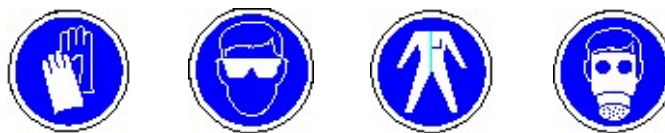
- No information available
-

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

- There are no recommended or established controls for this product

8.2 Exposure controls

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



- In case of inadequate ventilation wear respiratory protection.
- If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
- Eyewash bottles should be available
- Wear suitable gloves: Neoprene gloves. PVC disposable gloves. Loose fitting thermal insulated or leather gloves. Nitrile rubber.
The breakthrough time of the selected glove(s) must be greater than the intended use period.
- Wear goggles giving complete eye protection
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- 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: | Colourless to yellow |
| - Odour: | Characteristic odour |
| - Melting point/Range: | Not available |
| - Boiling Point/Range: | No information 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: | 1.025-1.065 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

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid contact with oxidising substances
- Avoid contact with acid
- Avoid exposure to high temperature or direct sunlight.

10.5 Incompatible materials

- Incompatible with oxidizing substances
- Contact with organic peroxides liberates explosive gas
- Incompatible with acids and alkalis
- Sodium hypochlorite. Reactive metals. Materials reactive with hydroxyl compounds

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
- Nitrogen oxide can react with water vapors to form corrosive nitric acid. Chlorine Ammonia. Aldehydes. Flammable hydrocarbon fragments (e.g., acetylene).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available

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

12.2 Persistence and degradability

- No information available

SECTION 12: Ecological information (....)

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



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

SECTION 14: Transport information (....)

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 (-)
- Tunnel Tank Restriction Codes: LGBV
- Contains: Dibutyl phthalate; DBP
4,4'-diaminodiphenylmethane; 4,4'-methylenedianiline

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:- H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H341: Suspected of causing genetic defects. H350: May cause cancer. H360Df: May damage the unborn child. Suspected of damaging fertility. H370: Causes damage to organs. H373: May cause damage to organs through prolonged or repeated exposure. 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.

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