

Created: 4 Sep 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: Strongcoat PAS-500 - A
- Other means of Identification
- UFI: -
- Product Part Number: C11/05/08/153-A

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

- Use of the substance/mixture: Component A of Polyaspartic aliphatic flooring System

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Ltd.
- Address of Supplier: Hawthorn House
Helions Bumpstead Rd,
Haverhill CB9 7AA,
United Kingdom
- Telephone: +44 1 4407 66360
- Fax: +44 1 4407 68897
- Email: Info@donconstruction.co.uk
info.uk@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: +44 1 4407 66360 (available during office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Acute Tox. 4, STOT SE 3, Aquatic Chronic 2

2.2 Label elements



- Signal Word: Warning

Hazard statements

SECTION 2: Hazards identification (....)

H332 - Harmful if inhaled.

H317 - May cause an allergic skin reaction.

H335 - May cause respiratory irritation.

H411 - Toxic to aquatic life with long lasting effects.

EUH204 - Contains isocyanates. May produce an allergic reaction.

Precautionary statements

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

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

P312 - Call a POISON CENTRE or doctor if you feel unwell.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P273 - Avoid release to the environment.

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

P363 - Wash contaminated clothing before reuse.

P391 - Collect spillage.

P271 - Use only outdoors or in a well-ventilated area.

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

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

2.3 Other hazards

- As from 24 August 2023 adequate training is required before industrial or professional use
- Contains: HDI oligomers, iminooxadiazindione
2-Oxepanone, polymer with 1,6-diisocyanatohexane and 1,6-hexanediol

SECTION 3: Composition/information on ingredients

3.2 Mixtures

HDI oligomers, iminooxadiazindione

CAS Number:	-
EC Number:	931-297-3
Concentration:	40 - 50%
Categories:	Acute Tox. 4, Skin Sens. 1, STOT SE 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07
H Statements:	H332, H335, H317

2-Oxepanone, polymer with 1,6-diisocyanatohexane and 1,6-hexanediol

CAS Number:	164250-92-4
EC Number:	642-404-5

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

Concentration: 20 - 35%
 Categories: Acute Tox. 4, Skin Sens. 1B, STOT SE 3, Aquatic Chronic 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07, GHS09
 H Statements: H317, H332, H335, H411

Hexanedioic acid, polymer with 1,4-butanediol, 1,6-diisocyanatohexane, 2,2-dimethyl-1,3-propanediol and 1,6-hexanediol

CAS Number: 29891-05-2
 EC Number: 843-819-6
 Concentration: 10 - 20%
 Categories: Acute Tox. 4, Skin Sens. 1B, STOT SE 3, Aquatic Chronic 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07, GHS09
 H Statements: H332, H335, H317, H411

Hexamethylene diisocyanate, oligomers

CAS Number: 28182-81-2
 EC Number: 500-060-2
 Concentration: 1 - 10%
 Categories: Acute Tox. 4, Skin Sens. 1, STOT SE 3
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07
 H Statements: H317, H332, H335

Hexanedioic acid, polymer with 1,4-butanediol, 1,6-diisocyanatohexane, 2,2-dimethyl-1,3-propanediol, 1,6-hexanediol and 2-oxepanone

CAS Number: 1809331-98-3
 EC Number: 811-625-0
 Concentration: 0.1 - 1%
 Categories: Acute Tox. 4, Skin Sens. 1B, STOT SE 3, Aquatic Chronic 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07, GHS09
 H Statements: H317, H332, H335, H411

hexamethylene-di-isocyanate..

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

CAS Number:	822-06-0
EC Number:	212-485-8
Concentration:	0.1 - 0.5%
Categories:	Acute Tox. 3, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS06, GHS08
H Statements:	H331, 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.

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

Contact with eyes

Irritating to eyes

Contact with skin

May cause allergic reaction in susceptible people

Inhalation

Causes irritation

4.3 Indication of any immediate medical attention and special treatment needed

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

- Treat symptomatically
-

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

Risk of formation of toxic pyrolysis products.

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

Isocyanate

Possible traces in: Hydrogen cyanide (HCN)

5.3 Advice for firefighters

- Do not breathe vapour/fumes
 - Wear self contained breathing apparatus and full protective clothing
 - Keep container(s) exposed to fire cool, by spraying with water
 - Do not allow run-off water to enter sewers and water sources.
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Ensure adequate ventilation
- Evacuate the area and keep personnel upwind
- Keep away from heat and sources of ignition
- In case of leakage, eliminate all ignition sources.
- Wear suitable protective clothing

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
- Prevent further spillage if safe

6.3 Methods and material for containment and cleaning up

- Collect as much as possible in clean container for reuse or disposal
 - Avoid release to the environment.
 - Soak up with inert absorbent
 - Place in appropriate container
-

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

- Wear suitable protective clothing, eye/face protection and gloves
- Dispose of this material as hazardous waste.
- Collect spillage.

6.4 Reference to other sections

- See Section 8 & 13
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- In case of inadequate ventilation wear respiratory protection.
- Keep away from food, drink and animal foodstuffs
- Keep away from heat and sources of ignition
- Keep away from heat, sparks, open flames and hot surfaces
- Keep away from sources of ignition - No Smoking
- Use good personal hygiene practices
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash thoroughly after handling.
- Call a POISON CENTRE or doctor 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

- Incompatible with amines
- Keep away from food, drink and animal feedingstuffs
- Keep away from moisture
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Store in a dry environment away from direct sunlight.
- Store in original, correctly labelled and 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

- There are no recommended or established controls for this product

8.2 Exposure controls

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



- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Ensure adequate ventilation
- In case of insufficient ventilation, wear suitable respiratory equipment/protection.
- Wash hands thoroughly after using this substance
- Wear suitable protective clothing, eye/face protection and gloves

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 mm²/s
- Solubility: Immiscible in water
- Vapour Pressure: Not available
- Density: 1.11 - 1.15
- Vapour Density: Not available
- Particle characteristics: NA

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

Development of pressure and risk of bursting in closed containers.

SECTION 10: Stability and reactivity (....)

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

Exothermic reaction at:

Reactions with alcohol

Reactions with amine

Reactions with water, with formation of carbon dioxide

10.4 Conditions to avoid

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Avoid exposure to high temperature or direct sunlight.

10.5 Incompatible materials

- Avoid contact with water
- Avoid contact with moisture
- Incompatible with alcohols
- Incompatible with amines

10.6 Hazardous decomposition products

- No hazardous decomposition products known
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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

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

SECTION 12: Ecological information (....)

- 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
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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
-

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

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SECTION 14: Transport information (....)

14.5 Special precautions for user

- No information available
- Contains: HDI oligomers, iminoxadiazindione
2-Oxepanone, polymer with 1,6-diisocyanatohexane and 1,6-hexanediol

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
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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 chemical safety assessment (CSA) for this product has not yet been completed
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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. H331: Toxic if inhaled. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H411: 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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