
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 WD Clear - Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C11/05/05/022H

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

- Use of the substance/mixture: Hardener component of Water based epoxy resin floor and wall coating

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: Eye Dam. 1, Skin Irrit. 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

- H318 - Causes serious eye damage.
- H315 - Causes skin irritation.

SECTION 2: Hazards identification (....)

Precautionary statements

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.

P310 - Immediately call a POISON CENTER or doctor/physician.

P264 - Wash thoroughly after handling

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

P332+P313 - If skin irritation occurs: Get medical advice/attention.

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

P321: Specific treatment is urgently needed (go to see a doctor with the Safety data sheet for this product).

2.3 Other hazards

- Contains: Polymer, reaction product of BADGE/glycidylether with TEPA; 2,4,6-tris(dimethylaminomethyl)phenol

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Polymer, reaction product of BADGE/glycidylether with TEPA

CAS Number: 155240-10-1

EC Number: -

Concentration: 25 - 50%

Categories: Eye Dam. 1

Specific Concentration Limits: No information available

M factor: No information available

Acute toxicity estimate: Not available

Symbols: GHS05

H Statements: H318

2,4,6-tris(dimethylaminomethyl)phenol

CAS Number: 90-72-2

EC Number: 202-013-9

Concentration: 1 - 2.5%

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: GHS05

H Statements: H318, H314

SECTION 4: First aid measures

4.1 Description of first aid measures

- When in doubt or symptoms persist, seek medical attention

Inhalation

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 and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

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.

Seek immediate medical attention

Continue flushing with water until medical help arrives

Ingestion

Do NOT induce vomiting.

If vomiting occurs turn patient on side

Keep warm and at rest

Wash out mouth with water. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

- See Section 2 and 11.

Contact with eyes

No information available

Contact with skin

No information available

Inhalation

No information available

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

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

- As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
- Shut off all ignition sources
- In the event of an adjacent fire, cool containers with water spray
- 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

- Shut off source of leak if safe to do so
- Wear suitable protective clothing
- Evacuate the area and keep personnel upwind

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

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

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
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Take action to prevent static discharges.
- Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

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

- Keep at temperature not exceeding 30 °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
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL (Workers):

- 2,4,6-tris(dimethylaminomethyl)phenol:
Dermal, Systemic Long exposure: 0.15 mg/kg
Inhalation, Systemic Long exposure: 0.53 mg/m³

DNEL (General population):

- 2,4,6-tris(dimethylaminomethyl)phenol:
Oral, Systemic Long exposure: 0.075 mg/kg
Dermal, Systemic Long exposure: 0.075 mg/kg
Inhalation, Systemic Long exposure: 0.13 mg/m³

PNEC:

- 2,4,6-tris(dimethylaminomethyl)phenol:
STP: 0.2 mg/l
Soil: 0.025 mg/kg
Intermittent: 0.46 mg/l
Fresh water: 0.046 mg/l
Marine water: 0.005 mg/l
Sediment (fresh water): 0.262 mg/kg
Sediment (marine water): 0.026 mg/kg

8.2 Exposure controls



- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Wear nitrile gloves
- Wear goggles giving complete eye protection
- Anti-slip work shoes

Additional emergency measures:

Emergency shower

Standards: ANSI Z358-1

ISO 3864-1:2011, ISO 3864-4:2011

Eyewash stations

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

Standards: DIN 12 899
ISO 3864-1:2011, ISO 3864-4:2011

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Amber
- Odour: Characteristic odour
- Melting point/Range: Not available
- Boiling Point/Range: 100 °C
- Flammability: No information available
- Lower explosive limit: NA% (in air)
- Upper explosive limit: NA% (in air)
- Flashpoint: >60°C
- Autoignition Temperature: 402 °C
- Decomposition temperature: NA
- pH: ~8 - 10 (ASTM D3838-05) (at 100 %)
- Kinematic viscosity: at 40 °C >20.5 mm²/s
- Solubility: Completely miscible
- Vapour Pressure: At 20 °C 2351 Pa
- Density: 1059.4 kg/m³ at 20 °C
- 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

- 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

- No information available

10.5 Incompatible materials

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

- Strong acids.
- Incompatible with alkalis (strong bases)

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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, as it does not contain substances classified as

hazardous for consumption. For more information see section 3.- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

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. However, it does 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: Produces skin inflammation.- Contact with the eyes: Produces serious 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: phenol (3); Polyethylene (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: 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.

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, as it does not contain substances

SECTION 11: Toxicological information (....)

classified as hazardous for this effect. For more information see section 3.

Specific toxicology information on the substances:

- 2,4,6-tris(dimethylaminomethyl)phenol:
LD50: 2169 mg/kg (rat)

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

Acute toxicity:

- 2,4,6-tris(dimethylaminomethyl)phenol:
EC50: 84 mg/l (72h) *Scenedesmus subspicatus*, Algae
- No information available

12.2 Persistence and degradability

- 2,4,6-tris(dimethylaminomethyl)phenol
Pow Log: 0.22
- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- miscible 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

SECTION 14: Transport information

14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

14.2 Road/Rail (ADR/RID)

- Not classified as hazardous for transport

14.3 Sea (IMDG)

- Not classified as hazardous for transport

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available
- Tunnel Bulk Restriction Codes: D

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:- H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage.

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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