
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 - Base
- Other means of Identification
- UFI: -
- Product Part Number: C11/05/05/022B

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

- Use of the substance/mixture: Base 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: Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2, Skin Sens. 1

2.2 Label elements



- Signal Word: Warning

Hazard statements

- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.

SECTION 2: Hazards identification (....)

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.

EUH205 - Contains epoxy constituents. May produce an allergic reaction.

Precautionary statements

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

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

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.

P264 - Wash thoroughly after handling.

P273 - Avoid release to the environment.

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

P391 - Collect spillage.

2.3 Other hazards

- Contains: Reaction product: bisphenol-A-(epichlorhydrin) (MW < 700); Formaldehyde, oligomeric reaction products with 1-chloro-2,3 epoxypropane and phenol; oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)

CAS Number:	25068-38-6
EC Number:	500-033-5
Concentration:	50 - 75%
Categories:	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2
Specific Concentration Limits:	Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 %
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07, GHS09
H Statements:	H319, H315, H317, H411

Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

CAS Number:	9003-36-5
EC Number:	500-006-8
Concentration:	25 - 50%
Categories:	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available

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

Symbols: GHS09, GHS07
H Statements: H315, H317, H411

oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

CAS Number: 68609-97-2
EC Number: 271-846-8
Concentration: 10 - 25%
Categories: Skin Irrit. 2, Skin Sens. 1
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS07
H Statements: H315, H317

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
Wash out mouth with water. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

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

- See Section 2 & 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

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
- Do not allow run-off water to enter sewers and water sources.
- In the event of an adjacent fire, cool containers with water spray
- Shut off all ignition 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 respiratory protection
- Evacuate the area and keep personnel upwind

6.2 Environmental precautions

- Avoid release to the environment.
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Collect spillage.

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

- Absorb spillage in inert material and shovel up
- 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
- Dispose of contents/container to an authorised waste collection point
- 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

- 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
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL (Workers):

- reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) :
Dermal, long exposure systemic effects: 0.75 mg/kg
Inhalation, long exposure systemic effects: 4.93 mg/m³

- Formaldehyde, oligomeric reaction products with 1-chloro 2,3-epoxypropane and phenol:
Dermal, long exposure systemic effects: 104.15 mg/kg
Inhalation, long exposure systemic effects: 29.39 mg/m³

- oxirane, mono[(C12-14-alkyloxy)methyl] derivs.
Dermal, long exposure systemic effects: 1 mg/kg
Inhalation, long exposure systemic effects: 3.6 mg/m³

DNEL (General population):

- reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) :
Oral, long exposure systemic effects: 0.5 mg/kg
Dermal, long exposure systemic effects: 0.0893 mg/kg

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

Inhalation, long exposure systemic effects: 0.87 mg/m³

- Formaldehyde, oligomeric reaction products with 1-chloro 2,3-epoxypropane and phenol:

Oral, long exposure systemic effects: 6.25 mg/kg

Dermal, long exposure systemic effects: 62.5 mg/kg

Inhalation, long exposure systemic effects: 8.7 mg/m³

- oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

Oral, long exposure systemic effects: 0.5 mg/kg

Dermal, long exposure systemic effects: 0.5 mg/kg

Inhalation, long exposure systemic effects: 0.87 mg/m³

PNEC:

- reaction product: bisphenol-A-(epichlorhydrin) (MW < 700) :

STP: 10 mg/l

Soil: 0.065 mg/kg

Intermittent: 0.018 mg/l

Oral: 0.011 g/kg

Fresh water: 0.006 mg/l

marine water: 0.001 mg/l

Sediment (fresh water): 0.341 mg/kg

Sediment (marine water): 0.034 mg/kg

- Formaldehyde, oligomeric reaction products with 1-chloro 2,3-epoxypropane and phenol:

STP: 10 mg/l

Soil: 0.237 mg/kg

Intermittent: 0.025 mg/L

Fresh water: 0.003 mg/L

marine water: 0 mg/l

Sediment (fresh water): 0.294 mg/kg

Sediment (marine water): 0.029 mg/kg

- oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

STP: 10 mg/l

Soil: 1.234 mg/kg

Intermittent: 0.072 mg/L

Fresh water: 0.106 mg/L

marine water: 0.011 mg/l

Sediment (fresh water): 307.16 mg/kg

Sediment (marine water): 30.72 mg/kg

8.2 Exposure controls

- Wear respiratory protection.
- Wear PVC gloves
- Wear goggles giving complete eye protection

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

- Wear suitable protective clothing.
- additional emergency measures:
 - Emergency shower
 - Standards: ANSI Z358-1
 - ISO 3864-1:2011, ISO 3864-4:2011
 - Eyewash stations
 - 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: | 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: | >60°C |
| - Autoignition Temperature: | NA |
| - Decomposition temperature: | NA |
| - pH: | No information available |
| - Kinematic viscosity: | NA mm ² /s |
| - Solubility: | Immiscible |
| - Vapour Pressure: | Not available |
| - Density: | 1067.6 kg/m ³ 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

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

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No information available

10.5 Incompatible materials

- Strong acids.

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

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, 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: Produces skin inflammation.- 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: Not relevant- 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 11: Toxicological information (....)

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 classified as hazardous for

this effect. For more information see section 3.

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:

- reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)

LC50: > 1 - 10 mg/l (96h), fish

EC50: > 1 - 10 mg/l (48h), crustacean

EC50: > 1 - 10 mg/l (72h), Algae

- Formaldehyde, oligomeric reaction products with 1-chloro-2,3 epoxypropane and phenol:

LC50: > 1 - 10 mg/l (96h), fish

EC50: > 1 - 10 mg/l (48h), crustacean

EC50: > 1 - 10 mg/l (72h), Algae

Chronic toxicity:

- reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)

NOEC: 0.3 mg/l Daphnia magna, crustacean

- No information available

12.2 Persistence and degradability

reaction product: bisphenol-A-(epichlorhydrin) (MW < 700)

Concentration: 100 mg/l

% Biodegradable: 0%

- No information available

12.3 Bioaccumulative potential

reaction product: bisphenol-A-(epichlorhydrin) (MW < 700):

BCF: 4

Pow Log: 2.8

Potential: Low

- No information available

12.4 Mobility in soil

SECTION 12: Ecological information (....)

- 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
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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

SECTION 14: Transport information (....)

14.5 Special precautions for user

- No information available
- ADR Classification Code: M6
- Tunnel Restriction Code: 3 (-)
- Tunnel Tank Restriction Codes: LGBV
- Contains: Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700)
Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

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:- H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye 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.

--- end of safety datasheet ---
