

Created: 19 Dec 2024

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 HB ESD Topcoat - Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C11/05/09/171-TC-H

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

- Use of the substance/mixture: Hardener component of high build, electrostatically discharged floor coating topcoat.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Ltd.
- Address of Supplier: Helions Bumpstead Road
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, Skin Corr. 1B, Aquatic Chronic 3

2.2 Label elements

- Signal Word: Danger

Hazard statements



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SECTION 2: Hazards identification (....)

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements

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

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

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

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.

P330 - Rinse mouth.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

Dispose of contents/container to an authorised waste collection point.

2.3 Other hazards

- Contains: 4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine
benzyl alcohol
Salicylic acid

SECTION 3: Composition/information on ingredients

3.2 Mixtures

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

CAS Number:	38294-64-3
EC Number:	500-101-4
Concentration:	25 - 50%
Categories:	Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1; Aquatic Chronic 3
Specific Concentration Limits:	None assigned
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS05. GHS07
H Statements:	H314, H317, H318, H412

benzyl alcohol

CAS Number:	100-51-6
EC Number:	202-859-9

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

Concentration: 25 - 50%
 Categories: Acute Tox. 4, Eye Irrit. 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07
 H Statements: H332, H302, H319

m-phenylenebis(methylamine)

CAS Number: 1477-55-0
 EC Number: 216-032-5
 Concentration: 5 - 10%
 Categories: Acute Tox. 4; Acute Tox. 4; Skin Corr. 1B; Skin Sens. 1B;
 Aquatic Chronic 3
 Specific Concentration Limits: None assigned
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS05, GHS07
 H Statements: H302, H314, H317, H332, H412

salicylic acid

CAS Number: 69-72-7
 EC Number: 200-712-3
 Concentration: 1 - 3%
 Categories: Acute Tox. 4; Eye Dam. 1; Repr. 2
 Specific Concentration Limits: None assigned
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS05, GHS07, GHS08
 H Statements: H302, H318, H361d

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.
 In case of unconsciousness place patient stably in side position for transportation.

Contact with skin

Rinse skin with water.
 Wash affected area with plenty of soap and water
 If skin irritation or rash occurs: Get medical advice/attention.
 Wash contaminated clothing before reuse.



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

Contact with eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Rinse mouth.

Seek medical attention if ill effects occur

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

No information available

Contact with skin

No information available

Inhalation

No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.
- Use extinguishing media suitable to the surrounding conditions. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area and keep personnel upwind
- Wear suitable protective clothing

6.2 Environmental precautions

- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
- Do not allow to enter public sewers and watercourses

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

6.3 Methods and material for containment and cleaning up

- Neutralizing agent
- Ensure adequate ventilation
- Dispose of this material as hazardous waste.
- Absorb with liquid-binding material.

6.4 Reference to other sections

- For personal protection see section 8
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Prevent formation of aerosols
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Keep container tightly closed.
- Store in a cool, dry, well ventilated area.

7.3 Specific end use(s)

- No information available
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

DNELs

- Worker
 - Long term dermal systemic effects: 0.14 mg/kg bw/day
 - Long term inhalative systemic effects: 0.493 mg/m³
- General Population
 - Long term oral systemic effects: 0.05 mg/kg bw/day
 - Long term dermal systemic effects: 0.05 mg/kg bw/day
 - Long term inhalative systemic effects: 0.074 mg/m³

PNECs

- PNEC Aqua:
 - Intermittent releases: 0.111 mg/L
 - Fresh water: 0.011 mg/L
 - Marine water: 0.001 mg/L
 - PNEC Sediment:
 - Fresh water: 4,320 mg/kg sediment
-

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

- Marine water: 432 mg/kg sediment
- PNEC STP: 10 mg/l sewage
- PNEC Soil: 864 mg/kg soil dw
- PNEC Oral: 1 mg/kg food (secondary poisoning)

benzyl alcohol

DNELs

- Worker:
 - Acute dermal systemic effects: 40 mg/kg bw/day
 - Long term dermal systemic effects: 8 mg/kg bw/day
 - Acute inhalative systemic effects: 110 mg/m³
 - Long term inhalative systemic effects: 22 mg/m³
- General Population:
 - Acute oral systemic effects: 20 mg/kg bw/day
 - Long term oral systemic effects: 4 mg/kg bw/day
 - Acute dermal systemic effects: 20 mg/kg bw/day
 - Long term dermal systemic effects: 4 mg/kg bw/day
 - Acute inhalative systemic effects: 27 mg/m³
 - Long term inhalative systemic effects: 5.4 mg/m³

PNECs

- PNEC Aqua:
 - Fresh water: 1 mg/L
 - Marine water: 0.009 mg/l
- PNEC Sediment:
 - Fresh water: 5.27 mg/kg sediment
 - Marine water: 0.527 mg/kg sediment
- PNEC STP: 10 mg/l sewage
- PNEC Soil: 0.045 mg/kg soil

m-phenylenebis(methylamine)

DNELs

- Worker:
 - Long term dermal systemic effects: 0.33 mg/kg bw/day
 - Long term inhalative systemic effects: 1.2 mg/m³
 - Long term inhalative systemic effects: 0.2 mg/m³

PNECs

- PNEC Aqua:
 - Fresh water: 0.094 mg/L
 - Marine water: 0.009 mg/L
- PNEC Sediment:
 - Fresh water: 0.43 mg/kg sediment
 - Marine water: 0.043 mg/kg sediment
- PNEC STP: 10 mg/L sewage
- PNEC Soil: 0.045 mg/kg soil dw

8.2 Exposure controls



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

- Keep away from food, drink and animal feedingstuffs
- Contaminated work clothing should not be allowed out of the workplace.
- Wash hands thoroughly after using this substance
- Avoid contact with skin and eyes
- Wear suitable protective clothing, eye/face protection and gloves
- Wear suitable gloves: Butyl rubber (BR), Nitrile rubber (NBR)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Yellow
- Odour: Amine odour
- Melting point/Range: Not available
- Boiling Point/Range: No data available
- Flammability: No information available
- Lower explosive limit: 1.2 Vol% (in air)
- Upper explosive limit: 13.0 Vol% (in air)
- Flashpoint: >93°C
- Autoignition Temperature: NA
- Decomposition temperature: NA
- pH: No information available
- Kinematic viscosity: NA mm²/s
- Solubility: Not miscible or difficult to mix.
- Vapour Pressure: 0.1 hPa at 20 °C
- Density: 1.03 - 1.07 g/cm³ at 20 °C
- 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

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

- Reacts with acid
- 10.4 Conditions to avoid
- No information available
- 10.5 Incompatible materials
- No known incompatibilities when used for intended purposes.
- 10.6 Hazardous decomposition products
- No hazardous decomposition products known
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Benzyl alcohol

- LD₅₀ Oral: 1,620 mg/kg (rat)
- LD₅₀ Dermal: 2,000 mg/kg (rabbit)

m-phenylenebis(methylamine)

- LD₅₀ Oral: 1,180 mg/kg (mouse)
- LD₅₀ Dermal: > 3,100 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

- No information available

4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 3-aminomethyl-3,5,5-trimethylcyclohexylamine

LC₅₀: 11.1 mg/l (daphnia magna) - 48h

LC₅₀: 11.1 mg/l (daphnia magna) - 96h

LC₅₀: 70.7 mg/l (fish) - 96h

EC₅₀: 79.4 mg/l (Algae) - 72h

Benzyl alcohol

LC₅₀: 460 mg/l (Pimephales Promelas) - 96h

EC₅₀: 230 mg/l (daphnia magna) - 48h

EC₅₀: 770 mg/l (algae) - 72h

m-phenylenebis(methylamine)

LC₅₀: 87.6 mg/l (leuciscus idus) - 96h

LC₅₀: 6.77 mg/l (daphnia magna) - 21d

EC₅₀: 35.1 mg/l (daphnia magna) - 24h

EC₅₀: 15.2 mg/l (daphnia magna) - 48h

EC₅₀: 20.3 mg/l (algae) - 72h

SECTION 12: Ecological information (....)

EC₅₀: 8.4 mg/l (daphnia magna) - 21d

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 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.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- ADR Hazard Class: 8
- ADR Packing Group: III

14.3 Sea (IMDG)

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SECTION 14: Transport information (....)

- IMDG UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- IMDG Hazard Class: 8
- IMDG Packing Group.: III

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available
- Contains: 3-aminomethyl-3,5,5-trimethylcyclohexylamine
benzylidimethylamine

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. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H361d: Suspected of damaging the unborn child. 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.

--- end of safety datasheet ---
