

DURABAK WB



SAFETY DATA SHEET

GHS Classification in accordance with the OSHA Hazard Communication Standard (29 CFR1910.1200)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: DURABAK WB
- Product Part Number: 90WSBASE

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

- Use of the substance/mixture: Water-based polyurethane coating
- Use advised against: As substrates differ significantly, suitability tests are recommended. All new applications should be tested before use.

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Cote-L Industries
- Address of Supplier: 27 Legion Drive, Bergenfield, NJ 07621,
- Telephone: (201) 836-0733
- Responsible Person: C. Fine, PhD
- Email: cfine@cotelind.com

1.4 Emergency telephone number

- Emergency Telephone: ChemTel (800)255-3924
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- GHS Classification in accordance with the OSHA Hazard Communication Standard (29 CFR1910.1200)
- CLP: Skin Sens. 1, Asp. Tox. 1

2.2 Label elements



GHS08



GHS07

- Signal Word: Danger

2.2.1 Hazard statements

- H317 - May cause an allergic skin reaction.
- H304 - May be fatal if swallowed and enters airways.

2.2.2 Precautionary statements

SECTION 2: Hazards identification (...)

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read carefully and follow all instructions.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P321 - Specific treatment (see instructions on this label).
P331 - Do NOT induce vomiting.
P201 - Obtain special instructions before use.
P501 - Dispose of contents/container to an authorised waste collection point
P264 - Wash hands and skin thoroughly after handling.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P270 - Do not eat, drink or smoke when using this product.
P405 - Store locked up.
P272 - Contaminated work clothing should not be allowed out of the workplace.

2.3 Other hazards

- No hazard expected under normal conditions of use

SECTION 3: Composition/information on ingredients**3.2 Mixtures****3.2.1 Polypropylene glycol**

CAS Number: 25322-69-4
Concentration: <1.0%
EC Number: Not available
Symbols: GHS07
H Statements: H302
Specific Concentration Limits: Not available
Categories: Acute Tox. 4

3.2.2 triethylamine

CAS Number: 121-44-8
Concentration: <0.5%
EC Number: 204-469-4
Symbols: GHS02;GHS05;GHS07
H Statements: H225;H332;H312;H302;H314
Specific Concentration Limits: STOT SE 3; H335: C ≥ 1 %
Categories: Flam. Liq. 2, Acute Tox. 4, Skin Corr. 1A

Any concentration shown as a range is to protect confidentiality and/or is due to batch variation. There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: First aid measures

4.1 Description of first aid measures

- IF exposed or concerned: Get medical advice/attention.

4.1.1 Inhalation

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

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Get medical advice/attention if you feel unwell.

4.1.2 Contact with skin

IF ON SKIN: Wash with plenty of soap and water.

Remove contaminated clothing

If skin irritation or rash occurs: Get medical advice/attention.

4.1.3 Contact with eyes

In case of eye contact: Rinse the affected area with plenty of water, at the same time keeping the unaffected eye well protected.

If symptoms persist, seek medical attention.

If eye irritation occurs: Get medical advice/attention.

4.1.4 Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- Get immediate medical advice/attention.
- Repeated exposure may cause skin dryness or cracking

4.3 Indication of any immediate medical attention and special treatment needed

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - Do not induce vomiting
-

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use foam, carbon dioxide or dry agent
- Fog to cool and control

5.2 Special hazards arising from the substance or mixture

- None

5.3 Advice for firefighters

- Wear protective equipment and respirators.
 - Blown or distorted containers should be handled with extreme caution.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

SECTION 6: Accidental release measures (...)

- Wear protective clothing/equipment.
- Keep people and animals away

6.2 Methods and material for containment and cleaning up

- Absorb with liquid bonding material (sand, diatomite, sawdust).
- Collect the spillage in closable, suitable disposal containers. Clean up any spills as soon as possible, using an inert absorbent material. Residue is to be washed down with plenty of water.
- Ensure adequate ventilation

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Non-flammable
- Water-based polyurethane coating
- Wash contaminated clothing before reuse.
- Open with care. Cover lid/bung with a cloth while releasing pressure.
- Opened containers should be carefully resealed and stored in an upright position.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Store away from water-sensitive materials, protect from frost.
- Keep container tightly closed, in a cool, well ventilated place
- Store locked up.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.1.1 triethylamine**

DNEL (Industry; inhalational, long term systemic effects): 8.4 mg/m³

DNEL (Industry; inhalational, long term local effects): 8.4 mg/m³

DNEL (Industry; inhalational, short term systemic effects): 12.6 mg/m³

DNEL (Industry; inhalational, short term local effects): 12.6 mg/m³

DNEL (Industry; dermal, long term systemic effects): 12.1 mg/kg bw/day

OSHA PEL: 100.0 mg/m³; 25 ppm

8.2 Exposure controls

- The selection of personal protective equipment depends on marks of quality, which may vary from manufacturer to manufacturer.
- The resistance of the glove has to be checked prior to application. For penetration of the glove material, observe the breakthrough time supplied by the manufacturer.
- A cartridge-type respirator with cartridge for organic fumes is essential for spraying conditions.

**Boots****Gloves****Goggles****Respirator**

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: liquid
- Colour: various
- Odour: Characteristic odour
- Melting point/Range: Not applicable
- Boiling Point/Range: 100°C
- Flammability: Not flammable
- Flashpoint: >93°C
- Decomposition temperature: Not available
- pH: 7.0-8.0
- Solubility in water: Completely soluble in water
- Relative density: 1.01 g/cm³ at 20 °C
- Viscosity: 70 - 90 KU (Dynamic) at 20°C

9.2 Other information

- Please see Technical Data Sheet (TDS) for further information
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SECTION 10: Stability and reactivity

10.1 Reactivity

- Not reactive.

10.2 Chemical stability

- Thermal decomposition/ conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

- Stable if stored under normal conditions

10.4 Conditions to avoid

- When exposed to abnormally high temperatures, containers will bulge and possibly burst

10.5 Incompatible materials

- None known other than water-sensitive materials.

10.6 Hazardous decomposition products

- No decomposition if stored and applied as directed.
 - In case of fire and/or explosion do not breathe fumes
 - Hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke may be produced.
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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

11.1.1 Acute toxicity

SECTION 11: Toxicological information (...)

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg
Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg
Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

11.1.1.1 triethylamine

LD₅₀ (oral, rat): 730 mg/kg body weight
LD₅₀ (dermal, rabbit): 580 mg/kg body weight
LC₅₀ (inhalation, rat): 7 mg/l

11.1.2 Skin corrosion/irritation

May cause an allergic skin reaction.
Repeated exposure may cause skin dryness or cracking.

11.1.3 Serious eye damage/irritation

No information available but must be considered harmful

11.1.4 Respiratory or skin sensitisation

No known effects or hazards.

11.1.5 Germ cell mutagenicity

No known effects or hazards.

11.1.6 Carcinogenicity

No known effects or hazards.

11.1.7 Reproductive toxicity

No evidence of reproductive effects

11.1.8 STOT (specific target organ toxicity) - single exposure

No known effects or hazards.

11.1.9 STOT (specific target organ toxicity) - repeated exposure

No known effects or hazards.

11.1.10 Aspiration hazard

May be fatal if swallowed and enters airways.

11.2 Information on other hazards

- No further or additional information available.

SECTION 12: Ecological information**12.1 Toxicity****12.1.1 triethylamine**

EC₅₀ (daphnia): 17 mg/l (48 hr)
LC₅₀ (fish): 24 mg/l (96 hr)

12.2 Persistence and degradability

SECTION 12: Ecological information (...)

- Biodegradable
- Once solidified, can be disposed of in authorised landfill sites as per local regulations.

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- Miscible with water
- Low mobility.
- Not generally considered to be harmful to terrestrial vertebrates.
- May have short-term environmental effects.
- Contain, monitor and remove.

12.5 Results of PBT and vPvB assessment

- Not applicable

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- No further relevant information available.
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Dispose of contents/container to an authorised waste collection point
 - Product: Product should be taken to a suitable and authorized waste disposal site in accordance with relevant regulations and if necessary after consultation with the waste disposal operator and/or the competent authorities.
 - Contaminated packaging: The material and container must be disposed of in a safe manner as per local regulations.
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SECTION 14: Transport information**14.1 UN number or ID number**

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: NotClassified

14.3 DOT / CFR (US Department of Transportation)

- DOT Proper Shipping Name: Notclassified
- DOT Hazard Zone: Not applicable

14.4 Transport hazard class(es)

- Hazard Class: NotClassified

14.5 Packing group

- Packing Group: NotClassified

14.6 Environmental hazards

SECTION 14: Transport information (...)

- On available data, substance is not harmful to the environment

14.7 Special precautions for user

- None

14.8 Maritime transport in bulk according to IMO instruments

- Not applicable
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SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- GHS Classification in accordance with the OSHA Hazard Communication Standard (29 CFR1910.1200)
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H332: Harmful if inhaled.

All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.

Important note: The information contained in this SDS is not intended to be exhaustive and believed to be correct at the date of its preparation. It is the user's responsibility to verify that this data sheet is current prior to using the product which is detailed in it. Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to its use. Where those purposes are other than as specifically recommended in this safety datasheet, the user then uses the product at their own risk.

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