Material Safety Data Sheet

Completed **12-10-2022**
Revision: (date) **10-12-2024**
SDS version **1.4**

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

1.1. Product Identifier
Trade Name: Easytop E
Product- no.: -

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended uses:
Coating material

Uses advised against:
This product must not be used for purposes other than those recommended without first seeking the advice of the supplier.

1.3. Details of the supplier of the safety data sheet
Company and address:
Omnicon A/S
Stødagervej 6
DK - 6400 Sønderborg
Tel: +45 74 43 31 99

Contact person and E-mail:
Nele-Inga Claussen, lab@omnicon.com

The Safety data sheet is completed and validated by:
Mediator A/S, Centervej 2, DK-6000 Kolding. Consultant: FMG

1.4. Emergency telephone number
Use your national or local emergency number - For “First aid measures” see section 4.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not subject to labelling under CLP Regulation No. 1272/2008.

2.2. Label elements
-

Signal word:
-

Contains Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. (EUH 208)

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

2.3. Other hazards
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Additional labelling:
Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one as a preservative.

Additional warnings
-

SECTION 3: Composition/information on ingredients

3.1./3.2. Substances/Mixtures

Substance	EU-Index no. / REACH-Reg. no.	CAS-no.	EINECS-no.	CLP-classification	Wt/Wt %	Note
Methanol	603-001-00-x / 01-2119433307-44-xxxx	67-56-1	200-659-6	Flam. Liq. 2;H225, Acute Tox. 3;H301 + H311 + H331, STOT SE 1;H370 SCL: STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C < 10 %	< 1	1
1,2-benzisothiazol-3(2H)-one	613-088-00-6 / 01-2120761540-60-xxxx	2634-33-5	220-120-9	Acute Tox. 4;H302 (ATE = 450 mg/kg bw), Skin Irrit. 2;H315, Skin Sens. 1;H317, Eye Dam. 1;H318, Acute Tox. 2;H330 (ATE = 0.21 mg/L (dusts or mists)) Aquatic Acute 1;H400 M=1 SCL: Skin Sens. 1A;H317: C ≥0.036%	< 0.036	-
Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	613-167-00-5 / -	55965-84-9	611-341-5	Acute Tox. 3;H301, Acute Tox. 2; H310 + H330, Skin Corr. 1B;H314, Skin Sens. 1;H317, Eye Dam. 1;H318, Aquatic Acute 1;H400 M=100, Aquatic Chronic 1;H410 M=100 SCL: Eye Dam. 1; H318: C ≥ 0,6 % Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Skin Sens. 1A; H317: C ≥ 0,0015 %	< 0.0015	-
2-methyl-2H-isothiazol-3-one	613-326-00-9 / -	2682-20-4	220-239-6	Acute Tox. 3, H301 + H311, Skin Corr. 1C;H314, Skin Sens. 1A;H317, Eye Dam. 1;H318, Acute Tox. 2;H330, Aquatic Acute 1;H400 - M=10, Aquatic Chronic 1;H410 - M=1, EUH071 SCL: Skin Sens. 1A; H317: C ≥ 0,0015 %	< 0.0015	-

1) The substance is an organic solvent.

See full text of H-phrases in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
In case of discomfort: Seek fresh air.
Seek medical advice in case of persistent discomfort.

Ingestion:
Wash out mouth thoroughly and drink 1-2 glasses of water in small sips.
Seek medical advice in case of discomfort.

Skin contact:
Remove contaminated clothing.
Wash the skin thoroughly with water and continue washing for a long time.
If skin irritation or rash occurs: Get medical advice/attention.

Eye contact:
Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Additional information:
When obtaining medical advice, show the safety data sheet or label.

4.2. Most important symptoms and effects, both acute and delayed
May cause slight irritation to the skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed
Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Surrounding fire:
Extinguish with powder, foam, carbon dioxide or water mist.
Do not use water stream, as it may spread the fire.

5.2. Special hazards arising from the substance or mixture
The product is not directly flammable. Avoid inhalation of vapour and fumes – seek fresh air.
Fire will produce dense black smoke.

5.3. Advice for firefighters
If there is a risk of exposure to vapour and flue gases, a self-contained breathing apparatus must be worn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See section 8 for type of protective equipment.
Avoid contact with skin and eyes.

6.2. Environmental precautions
Do not discharge large quantities of concentrated spills and residue into drains.

6.3. Methods and material for containment and cleaning up
Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers.
Wipe up minor spills with a cloth.

6.4. Reference to other sections
See section 8 for type of protective equipment.
See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
See section 8 for information about precautions for use and personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities
The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc.
Keep in tightly closed original packaging.

7.3. Specific end use(s)
See application section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Indicative occupational exposure limit value (IOELV)

Substance	exposure limit mg/m³ / ppm	exposure limit mg/m³ / ppm	Note
Methanol	200 / 260	- / -	Sk

Sk = Can be absorbed through the skin.

DNEL/PNEC-values:
DNEL Methanol

	Workers	Consumers
Inhalation - Chronic Systemic	130 mg/m³	26 mg/m³
Inhalation - Acute Systemic	130 mg/m³	26 mg/m³
Inhalation - Chronic Local	130 mg/m³	26 mg/m³
Inhalation - Acute Local	130 mg/m³	26 mg/m³
Dermal - Chronic Systemic	20 mg/kg bw/day	4 mg/kg bw/day
Dermal - Acute Systemic	20 mg/kg bw/day	4 mg/kg bw/day
Oral - Chronic Systemic	-	4 mg/kg bw/day
Oral - Acute Systemic	-	4 mg/kg bw/day

DNEL 1,2-benzisothiazol-3(2H)-one

	Workers	Consumers
Inhalation - Chronic Systemic	6,81 mg/m³	1,2 mg/m³
Dermal - Chronic Systemic	0,966 mg/kg bw/day	0,345 mg/kg bw/day

DNEL 2-methyl-2H-isothiazol-3-one

	Workers	Consumers
Inhalation - Chronic Local	0,021 mg/m³	0,021 mg/m³
Inhalation - Acute Local	0,043 mg/m³	0,043 mg/m³
Oral - Chronic Systemic	-	0,027 mg/kg bw/day
Oral - Acute Systemic	-	0,027 mg/kg bw/day

PNEC 1,2-benzisothiazol-3(2H)-one

Fresh water	4,03 µg/L
Intermittent releases (Fresh water)	1,1 µg/L
Marine water	0,403 µg/L
Intermittent releases (Marine water)	110 ng/L
Soil	3 mg/kg soil dw

PNEC 2-methyl-2H-isothiazol-3-one

Fresh water	3,39 µg/L
Intermittent releases (Fresh water)	3,39 µg/L
Marine water	3,39 µg/L
Intermittent releases (Marine water)	3,39 µg/L
Soil	0,047 mg/kg soil dw

8.2. Exposure controls
There are no exposure scenarios for this product.

Appropriate engineering controls:
Wear the personal protective equipment specified below.
Wash hands before breaks, before using restroom facilities, and at the end of work.

Personal protective equipment:

Respiratory protection:
Not required.

Hand protection:
Wear protective gloves made of nitrile rubber (> 0,11 mm). Protective gloves conforming to EN 374.

Eye/face protection:
Not required.

Skin protection:
Not required.

Environmental exposure controls:
Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	White
Odour:	Characteristic
Melting point/ Freezing Point (°C):	-
Boiling point or initial boiling point and boiling range (°C):	-
Flammability:	-
Lower and upper explosion limit (vol-%):	-
Flash point (°C):	-
Auto-ignition temperature (°C):	-
Decomposition temperature (°C):	-
pH:	7 - 9
Kinematic viscosity (mm2/s):	-

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Solubility:	Miscible with water
Partition coefficient n-octanol/water (log value)	-
Vapour pressure:	-
Density and/or relative density:	-
Relative vapour density:	-
Particle characteristics:	-

9.2. Other information
VOC (Volatile organic compounds): <1%

SECTION 10: Stability and reactivity

10.1. Reactivity
No data.

10.2. Chemical stability
The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Avoid contact with strong bases.
Avoid contact with strong oxidising agents.
Avoid contact with strong reducing agents.
Avoid contact with strong acids.

10.6. Hazardous decomposition products
No special precautions regarding contact with other materials at the recommended storage conditions.

SECTION 11: Toxicological information

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

Acute toxicity:
Based on the existing data, the classification is not met.

Substance	exposure	Species	Test	Result
1,2-benzisothiazol-3(2H)-one	Oral	Rat	LD50	490 mg/kg bw
1,2-benzisothiazol-3(2H)-one	Dermal	Rat	LD50	> 2000 mg/kg bw
2-methyl-2H-isothiazol-3-one	Oral	Rat	LD50	120 mg/kg bw
2-methyl-2H-isothiazol-3-one	Inhalation	Rat	LC50/ 4 Hours	0,11 mg/L air
2-methyl-2H-isothiazol-3-one	Dermal	Rat	LD50	242 mg/kg bw

Skin corrosion/irritation:
May irritate the skin – may cause reddening.

Serious eye damage/irritation:
May cause eye irritation.

Respiratory or skin sensitisation:
Contains Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

Germ cell mutagenicity:
Based on the existing data, the classification is not met.

Carcinogenicity:
Based on the existing data, the classification is not met.

Reproductive toxicity:
Based on the existing data, the classification is not met.

STOT-single exposure:
Based on the existing data, the classification is not met.

STOT-repeated exposure:
Based on the existing data, the classification is not met.

Aspiration hazard:
Based on the existing data, the classification is not met.

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11.2. Information on other hazards
Test data are not available.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Test duration	Species	Test	Result
Methanol	96 Hours	Daphnia	EC50	18260 mg/L
Methanol	96 Hours	Algae	EC50	ca. 22000 mg/L
1,2-benzisothiazol-3(2H)-one	96 Hours	Fish	LC50	2,15 mg/L
1,2-benzisothiazol-3(2H)-one	48 Hours	Daphnia	EC50	2,9 mg/L
1,2-benzisothiazol-3(2H)-one	72 Hours	Algae	EC50	110 µg/L
2-methyl-2H-isothiazol-3-one	96 Hours	Fish	LC50	4,77 mg/L
2-methyl-2H-isothiazol-3-one	96 Hours	Daphnia	LC50	1,81 mg/L
2-methyl-2H-isothiazol-3-one	96 Hours	Algae	EC50	0,069 mg/L

12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Methanol	Yes	-	28 Days -
1,2-benzisothiazol-3(2H)-one	Yes	OECD Guideline 301 C	4 Days 63%
2-methyl-2H-isothiazol-3-one	No	OECD Guideline 301 D	28 Days 0%

12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow
Methanol	No	-0,77
1,2-benzisothiazol-3(2H)-one	No	0,7
2-methyl-2H-isothiazol-3-one	No	-0,32

12.4. Mobility in soil
Test data are not available.

12.5. Results of PBT and vPvB assessment
The product does not meet the criteria for PBT or vPvB.

12.6. Endocrine disrupting properties
Test data are not available.

12.7. Other adverse effects
None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The product is not classified as hazardous waste according to Waste Management. Disposal of spillage and waste via the municipal waste collection service with the specifications below is recommended.

EWC-Code	Description
20 01 99	Other fractions not otherwise specified

Specific labelling:
-

Contaminated packaging:
Empty packaging and residues can be disposed with household waste.

SECTION 14: Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR, IMDG and IATA.

14.1 -14.4.
ADR
-
IMDG/IATA
-

14.5. Environmental hazards
-

14.6. Special precautions for user
-

14.7. Maritime transport in bulk according to IMO instruments
Not relevant.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Sources:
Commission Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, EU 2017/164 and EU 2019/1831 (the first, second, third, fourth and fifth IOELV Directives).
Directive 2004/37/EC with amendments

Additional labelling:
-

Restrictions for application:
-

Demands for specific education:
-

15.2. Chemical safety assessment
None.

SECTION 16: Other information

According to EU regulation 1907/2006 (REACH)

Other information:
Sources:
EC regulation 1907/2006 (REACH), with amendments.
EC Regulation 1272/2008 (CLP), with amendments.
Directive 2008/98/EC
ECHA - The European Chemicals Agency

Full text of H-phrases as mentioned in section 2+3:

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H370	Causes damage to organs.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH 071	Corrosive to the respiratory tract.
EUH 208	Contains Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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Classification according to Regulation (EC) Nr. 1272/2008:
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Abbreviations and acronyms used in the safety data sheet:
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals. Regulation (EC) No 1907/2006.
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.
CAS-Number.: Chemical Abstracts Service number.
EC-Number.: EINECS and ELINCS Number (see also EINECS and ELINCS).
DNEL: Derived No Effect Level.
PNEC(s): Predicted No Effect Concentration(s).
STOT: Specific Target Organ Toxicity.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
LC50: Lethal Concentration to 50 % of a test population.
EC50: The effective concentration of substance that causes 50% of the maximum response.
PBT: Persistent, Bioaccumulative and Toxic.
vPvB: Very Persistent and Very Bioaccumulative.
NOEC: The highest tested concentration at which, in a study, no statistically significant effect is observed in the exposed population compared with an appropriate control group.
NOAEL: The highest tested dose or exposure level at which there are no statistically significant increases in the frequency or severity of adverse effects between the exposed population and an appropriate control group; some effects may be produced at this level, but they are not considered adverse or precursors of adverse effects.

Other:
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

Minor changes have been made in following sections:
General update.

This material safety data sheet replaces version:
1.3