

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Master Optima Lacquer

Product no.

-

REACH registration number

Not applicable

Unique formula identifier (UFI)

-

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

Relevant identified uses of the substance or mixture

Wood surfaces, indoors

Uses advised against

-

The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet

Company and address

WOCA Denmark A/S

Tværvej 6

6640 Lunderskov

Denmark

TEL +45 99585600

Fax +45 99585636

Contact person

LFH

E-mail

info@wocadenmark.com

SDS date

2019-01-25

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service). See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

2.2. Label elements

Hazard pictogram(s)

Not applicable

Signal word

-

Hazard statement(s)

Not applicable

Precautionary statements

General -

Prevention -

Response -

Storage -

Disposal -

Identity of the substances primarily responsible for the major health hazards

Not applicable

2.3. Other hazards

Not applicable

Additional labelling

Contains 2-methyl-2H-isothiazol-3-one, 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one (3:1). May produce an allergic reaction. (EUH208).

Safety data sheet available on request. (EUH210)

Additional warnings

Not applicable

VOC (volatile organic compound)

VOC-Max: 90 g/l, MAXIMUM VOC CONTENT (A/e (WB)): 130 g/l.

SECTION 3: Composition/information on ingredients

3.1/3.2. Substances/Mixtures

NAME:	(2-methoxymethylethoxy)propanol
IDENTIFICATION NOS.:	CAS-no: 34590-94-8 EC-no: 252-104-2
CONTENT:	2.5 - <5%
CLP CLASSIFICATION:	NA
NOTE:	S L

(*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

S = Organic solvent

Other information

ATEmix(inhale, vapour) > 20

ATEmix(dermal) > 2000

ATEmix(oral) > 2000

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Bring the person into fresh air and stay with him/her.

Skin contact

Immediately remove contaminated clothing and shoes. Ensure that skin, which has been exposed to the material, is washed thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

Eye contact

Remove contact lenses and open eyes widely. Flush eyes with water or saline water(20-30°C) for at least 15 minutes. Seek medical assistance and continue flushing during transport.

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

Not applicable

4.2. Most important symptoms and effects, both acute and delayed

Nothing special

4.3. Indication of any immediate medical attention and special treatment needed

Nothing special

Information to medics

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. Environmental precautions

No specific requirements.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original container.

Storage temperature

Room temperature 18 to 23°C

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

OEL

(2-methoxymethylethoxy)propanol

Long-term exposure limit (8-hour TWA reference period): 50 ppm | 308 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

Comments: Sk (Sk = Can be absorbed through skin.)

DNEL / PNEC

DNEL ((2-methoxymethylethoxy)propanol): 283mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL ((2-methoxymethylethoxy)propanol): 308mg/kg

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL ((2-methoxymethylethoxy)propanol): 121mg/kg

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

DNEL ((2-methoxymethylethoxy)propanol): 37,2mg/m³
 Exposure: Inhalation
 Duration of Exposure: Long term – Systemic effects - General population

DNEL ((2-methoxymethylethoxy)propanol): 36mg/kg
 Exposure: Oral
 Duration of Exposure: Long term – Systemic effects - General population

PNEC ((2-methoxymethylethoxy)propanol): 19 mg/l
 Exposure: Freshwater

PNEC ((2-methoxymethylethoxy)propanol): 1,9mg/l
 Exposure: Marine water

PNEC ((2-methoxymethylethoxy)propanol): 190mg/l
 Exposure: Intermittent release

PNEC ((2-methoxymethylethoxy)propanol): 4168 mg/l
 Exposure: Sewage Treatment Plant

PNEC ((2-methoxymethylethoxy)propanol): 70,2 mg/kg
 Exposure: Freshwater sediment

PNEC ((2-methoxymethylethoxy)propanol): 2,74 mg/kg
 Exposure: Soil

8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, eating and drinking are not allowed in the work premises

Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment



Generally

Use only CE marked protective equipment.

Respiratory Equipment

No specific requirements.

Skin protection

Wear appropriate protection clothing.

Hand protection

Wear protective gloves. The specific work situation is unknown. Contact the suppliers of the gloves for further advice regarding the appropriate glove type.

Eye protection

Wear face shield alternatively safety glasses with side shields.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Colourless
Odour	Not determined
Odour threshold (ppm)	Not determined
pH	7,5-8,5
Viscosity (40°C)	Not determined
Density (g/cm ³)	1,02-1,06

Phase changes

Melting point (°C)	Not determined
Boiling point (°C)	Not determined
Vapour pressure	Not determined
Decomposition temperature (°C)	Not determined
Evaporation rate (n-butylacetate = 100)	Not determined

Data on fire and explosion hazards

Flash point (°C)	Not determined
Ignition (°C)	Not determined
Auto flammability (°C)	Not determined
Explosion limits (% v/v)	Not determined
Explosive properties	Not determined

Solubility

Solubility in water	Soluble
n-octanol/water coefficient	Not determined

9.2. Other information

Solubility in fat (g/L)	Not determined
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

10.3. Possibility of hazardous reactions

Nothing special

10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Not determined

Skin corrosion/irritation

Not determined

Serious eye damage/irritation

Not determined

Respiratory or skin sensitisation

Not determined

Germ cell mutagenicity

Not determined

Carcinogenicity

Not determined

Reproductive toxicity

Not determined

STOT-single exposure

- Not determined
- STOT-repeated exposure**
- Not determined
- Aspiration hazard**
- Not determined
- Long term effects**
- Nothing special

SECTION 12: Ecological information

- 12.1. Toxicity**
Not determined
- 12.2. Persistence and degradability**

Substance	Biodegradability	Test	Result
Not determined			
- 12.3. Bioaccumulative potential**

Substance	Potential bioaccumulation	LogPow	BCF
Not determined			
- 12.4. Mobility in soil**
No data available
- 12.5. Results of PBT and vPvB assessment**
This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.
- 12.6. Other adverse effects**
Nothing special

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods**
Product is not covered by regulations on dangerous waste.
- Waste**
EWC code
-
- Specific labelling**
Not applicable
- Contaminated packing**
No specific requirements.

SECTION 14: Transport information

- 14.1 – 14.4**
Not dangerous goods according to ADR, IATA and IMDG.
- ADR/RID**
 - 14.1. UN number -
 - 14.2. UN proper shipping name -
 - 14.3. Transport hazard class(es) -
 - 14.4. Packing group -
 - Notes -
 - Tunnel restriction code -
- IMDG**
 - UN-no. -
 - Proper Shipping Name -
 - Class -
 - PG* -
 - EmS -
 - MP** -
 - Hazardous constituent -
- IATA/ICAO**
 - UN-no. -

Proper Shipping Name -
Class -
PG* -

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

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

Restrictions for application

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

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Additional information

Not applicable

Seveso

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Sources

Council Directive 92/85/EEC on the introduction of measures to encourage improvements in the safety and health at work of pregnant workers and workers who have recently given birth or are breastfeeding.

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).

EC regulation 1907/2006 (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

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The full text of identified uses as mentioned in section 1

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Additional label elements

Not applicable

Other

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis in order to distribute relevant information as required under Article 32 of REACH. It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The safety data sheet is validated by

Admin

Date of last essential change

(First cipher in SDS version)

2019-01-04(1.0)

Date of last minor change

(Last cipher in SDS version)

2019-01-04