

**ETOPOX 3D WOOD DESIGN / 1.5 KG**

Version 1.2      Revision Date: 05.12.2022      SDS Number: 102000080068      Date of last issue: 02.02.2022  
Date of first issue: 25.01.2021

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name : ETOPOX 3D WOOD DESIGN / 1.5 KG  
GLÄNZEND  
FARBLOS

Identification of the article : 680800003001

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

Use of the Sub-  
stance/Mixture : 2-Comp. coating materials based on liquid epoxy resin

**1.3 Details of the supplier of the safety data sheet**

Company : Walter Mäder AG - Bereich Lacke  
Industriestrasse 1  
CH - 8956 KILLWANGEN

Telephone : +41564178111  
Telefax : +41564016465  
E-mail address of person  
responsible for the SDS : products-safety.wmag@mader-group.com

**1.4 Emergency telephone number**

Emergency telephone  
number :

Tox Info Suisse:145

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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

## ETOPOX 3D WOOD DESIGN / 1.5 KG

Version 1.2      Revision Date: 05.12.2022      SDS Number: 102000080068      Date of last issue: 02.02.2022  
 Date of first issue: 25.01.2021

## 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :



Signal word : Warning

Hazard statements : 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.

Precautionary statements :

**Prevention:**

P261 Avoid breathing mist or vapours.  
 P264 Wash skin thoroughly after handling.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
 P391 Collect spillage.

Hazardous components which must be listed on the label:

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight  $\leq$  700)  
 oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

## 3.2 Mixtures

Chemical nature : 2-Comp. coating materials based on liquid epoxy resin

## Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight $\leq$ 700)	25068-38-6 01-2119456619-26	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Chronic 2;	$\geq$ 70 - < 90

## ETOPOX 3D WOOD DESIGN / 1.5 KG

Version 1.2      Revision Date: 05.12.2022      SDS Number: 102000080068      Date of last issue: 02.02.2022  
 Date of first issue: 25.01.2021

		H411 specific concentration limit Eye Irrit. 2; H319 >= 5 % Skin Irrit. 2; H315 >= 5 %	
oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	Not Assigned  01-2119485289-22	Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 10 - < 20

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

- Risks : Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.

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

- Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

### 5.2 Special hazards arising from the substance or mixture

- Hazardous combustion products : No hazardous combustion products are known

**ETOPOX 3D WOOD DESIGN / 1.5 KG**

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

---

**5.3 Advice for firefighters**

- Special protective equipment : Wear self-contained breathing apparatus for firefighting if necessary for firefighters
- Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Personal precautions : No conditions to be specially mentioned.

**6.2 Environmental precautions****6.3 Methods and material for containment and cleaning up**

- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

Not applicable

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

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : General industrial hygiene practice.

**7.2 Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Electrical installations / working materials must comply with the technological safety standards.
- Advice on common storage : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.

**7.3 Specific end use(s)**

- Specific use(s) : No information available.

**ETOPOX 3D WOOD DESIGN / 1.5 KG**

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

---

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

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls****Personal protective equipment**

Eye protection	:	Safety glasses
Skin and body protection	:	Protective suit
Respiratory protection	:	No personal respiratory protective equipment normally required.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

Appearance	:	fluid
Colour	:	colourless
Odour	:	epoxy-like
pH	:	Not applicable
Melting point/range	:	Not applicable
Boiling point/boiling range	:	> 200 °C (1.013 hPa)
Flash point	:	> 100 °C
Evaporation rate	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
		No data available
Lower explosion limit / Lower flammability limit	:	No data available
		No data available
Vapour pressure	:	< 1.000 hPa (50 °C)
Relative vapour density	:	No data available
		No data available
Density	:	ca. 1,10 g/cm <sup>3</sup> (20 °C)
Solubility(ies)		

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**ETOPOX 3D WOOD DESIGN / 1.5 KG**

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

---

Water solubility	:	immiscible
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	Hazardous decomposition products formed under fire conditions.
Viscosity		
Viscosity, dynamic	:	580 - 680 mPa.s
Viscosity, kinematic	:	> 20,5 mm <sup>2</sup> /s (40 °C)
Explosive properties	:	No data available
Oxidizing properties	:	No data available

**9.2 Other information**

Self-ignition	:	No data available
Solvent separation	:	< 3 %(V) (20 °C)

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**SECTION 10: Stability and reactivity****10.1 Reactivity**

No decomposition if stored and applied as directed.

**10.2 Chemical stability**

No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions	:	No dangerous reaction known under conditions of normal use.
		Stable under recommended storage conditions.
		No hazards to be specially mentioned.

**10.4 Conditions to avoid**

Conditions to avoid	:	No data available
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**10.5 Incompatible materials**

Materials to avoid	:	Incompatible with oxidizing agents.
		Incompatible with strong acids and bases.

**10.6 Hazardous decomposition products**

Stable under recommended storage conditions.

**ETOPOX 3D WOOD DESIGN / 1.5 KG**

Version 1.2      Revision Date: 05.12.2022      SDS Number: 102000080068      Date of last issue: 02.02.2022  
Date of first issue: 25.01.2021

---

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Not classified based on available information.

**Skin corrosion/irritation**

Causes skin irritation.

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

Species : Rabbit  
Exposure time : 24 h  
Remarks : Acute dermal irritation/corrosion

**Serious eye damage/eye irritation**

Causes serious eye irritation.

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

Species : Rabbit  
Remarks : Acute eye irritation/corrosion

**Respiratory or skin sensitisation****Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

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

Test Type : Buehler Test  
Exposure routes : Dermal  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Causes sensitisation.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

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

Species : Rat  
Method : OECD Test Guideline 453

## ETOPOX 3D WOOD DESIGN / 1.5 KG

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

Remarks : No significant adverse effects were reported

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Further information****Product:**

Remarks : No data available

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

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment****Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects****Product:**

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.



**ETOPOX 3D WOOD DESIGN / 1.5 KG**

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14: Transport information****14.1 UN number**

ADN	:	UN 3082
ADR	:	UN 3082
IMDG	:	UN 3082
IATA	:	UN 3082

**14.2 UN proper shipping name**

ADN	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700))
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700))
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700))
IATA	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700))

**14.3 Transport hazard class(es)**

ADN	:	9
ADR	:	9
IMDG	:	9
IATA	:	9

**14.4 Packing group**

ADN	:	
Packing group	:	III
Classification Code	:	M6
Hazard Identification Number	:	90
Labels	:	9

## ETOPOX 3D WOOD DESIGN / 1.5 KG

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

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**ADR**

Packing group	:	III
Classification Code	:	M6
Hazard Identification Number	:	90
Labels	:	9
Tunnel restriction code	:	(-)

**IMDG**

Packing group	:	III
Labels	:	9
EmS Code	:	F-A, S-F

**IATA (Cargo)**

Packing instruction (cargo aircraft)	:	964
Packing instruction (LQ)	:	Y964
Packing group	:	III
Labels	:	Miscellaneous

**IATA (Passenger)**

Packing instruction (passenger aircraft)	:	964
Packing instruction (LQ)	:	Y964
Packing group	:	III
Labels	:	Miscellaneous

**14.5 Environmental hazards****ADN**

Environmentally hazardous	:	yes
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**ADR**

Environmentally hazardous	:	yes
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**IMDG**

Marine pollutant	:	yes
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**IATA (Passenger)**

Environmentally hazardous	:	yes
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**IATA (Cargo)**

Environmentally hazardous	:	yes
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**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Relevant EU provisions transposed through retained EU law

## ETOPOX 3D WOOD DESIGN / 1.5 KG

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the following entries should be considered: Number on list 3
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	:	Not applicable
Fire Hazard Class	:	Exempt

Seveso III Directive (2012/18/EU) implemented by Control of Major Accident Hazards Regulations 2015 (COMAH)	E2	ENVIRONMENTAL HAZARDS
Volatile organic compounds	:	Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0,07 %, 0,77 g/l

**15.2 Chemical safety assessment**

A Chemical Safety Assessment is not required for this substance.

**SECTION 16: Other information****Full text of H-Statements**

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.

**Full text of other abbreviations**

Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Irrit.	:	Eye irritation
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-

## ETOPOX 3D WOOD DESIGN / 1.5 KG

Version	Revision Date:	SDS Number:	Date of last issue: 02.02.2022
1.2	05.12.2022	102000080068	Date of first issue: 25.01.2021

cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Classification of the mixture:**

Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Aquatic Chronic 2	H411

**Classification procedure:**

Calculation method
Calculation method
Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

GB / EN