

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGOPOXID 3000 RAPID EXTRA Komp. B

Revision date: 04.05.2023

Product code: 783000160B

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

EGOPOXID 3000 RAPID EXTRA Komp. B

Product group: Epoxy

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

Adhesive, Hardener

1.3. Details of the supplier of the safety data sheet

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG		
Street:	Kaltenbrunn 27		
Place:	D-82467 Garmisch-Partenkirchen		
Telephone:	+49 (0)8821 956 90	Telefax:	+49 (0)8821 956 990
e-mail:	info@ego.de		
Contact person:	Laboratory	Telephone:	+49 (0)8821 956 960
e-mail:	EGO-Labor@ego.de		
Internet:	www.ego.de		

1.4. Emergency telephone

+49 55119240 (24h/7d)

number:

GIZ-Nord, Göttingen

Member of EPECs network

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Skin Irrit. 2; H315
Eye Dam. 1; H318
Skin Sens. 1; H317
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

2,4,6-tris(dimethylaminomethyl)phenol
Polyoxy(methyl-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)
-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether

Signal word: Danger

Pictograms:**Hazard statements**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P260	Do not breathe gas/vapour.
P273	Avoid release to the environment.

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P280	Wear protective gloves / protective clothing / eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local regulation.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
72244-98-5	Polyoxy(methyl-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether			50-100 %
	615-735-8			
	Skin Sens. 1B, Aquatic Chronic 3; H317 H412			
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol			2,5-5 %
	202-013-9	603-069-00-0		
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H302 H315 H319			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
72244-98-5	615-735-8	Polyoxy(methyl-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	50-100 %
	dermal: LD50 = >10200 mg/kg; oral: LD50 = 2600 mg/kg		
90-72-2	202-013-9	2,4,6-tris(dimethylaminomethyl)phenol	2,5-5 %
	oral: ATE = 500 mg/kg		

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Call a physician if symptoms occur. If victim is at risk of losing consciousness, position and transport on their side. When unconscious, do not administer anything through the mouth. If breathing is irregular or stopped, administer artificial respiration.

After inhalation

Move to fresh air in case of accidental inhalation of vapours. Consult physician if problems persist. If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist. If easy to do, remove contact lens, if worn.

In case of durable symptoms, consult an ophthalmologist.

After ingestion

After swallowing, rinse mouth with plenty of water (only if the person is conscious) and seek medical help immediately. Do NOT induce vomiting.

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If you feel unwell, seek medical advice (show the label where possible).

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

This information is not available.

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

Elementary help, decontamination, symptomatic treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Carbon dioxide (CO₂), Dry powder, Water spray, Alcohol-resistant foam.

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke containing hazardous combustion products (see section 10). This information is not available.

5.3. Advice for firefighters

Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus. Cool closed containers exposed to fire with water spray.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Ensure adequate ventilation. Do not breath vapour.

For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.

6.3. Methods and material for containment and cleaning up**For containment**

Cover the sewers.

For cleaning up

Contain escaped material with non-combustible absorbent (for example, sand, earth, vermiculite, kieselguhr)
Collect according to local regulations in the appropriate containers (see section 13). Repeat cleaning with cleaning agents, do not use solvents.

Other information

Provide adequate ventilation. Collect mechanically.

6.4. Reference to other sections

See also section 7,8,13

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

Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin and clothing. Smoking, eating and drinking should be prohibited in the application area.
Ensure adequate ventilation, especially in confined areas. Never empty containers with pressure - no pressure

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vessel!

Advice on protection against fire and explosion

Container carefully store closed upright to prevent any leakage. Soils must follow the "Guidelines for avoiding Ignition hazards due to electrostatic charges (TRGS 727)".

Advice on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practice.

Keep away from food, drink and animal feedingstuffs. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.

Use with adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Storage must be in accordance with the BetrSichV (Germany). Keep containers tightly closed in a dry, cool and well-ventilated place.

Hints on joint storage

Keep away from oxidising agents and strongly acid or alkaline materials. Not required.

Further information on storage conditions

Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep away from sources of ignition - No smoking.

7.3. Specific end use(s)

Adhesives

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses.

Hand protection

For prolonged or repeated handling, use the glove material: butyl rubber. Thickness of glove material > 0,4 mm; Breakthrough time (maximum wearing time) > 480 min.

The suitability for a specific workplace should be discussed with the producers of the protective gloves. As the product is a mixture of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection

Protective suit

Respiratory protection

Provide sufficient air exchange and/or exhaust in work rooms. In case of insufficient ventilation wear suitable respiratory equipment.

Thermal hazards

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

Environmental exposure controls

Do not empty into drains or the aquatic environment.

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

Physical state:	liquid	
Colour:	off-white	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not applicable
Boiling point or initial boiling point and boiling range:		not applicable
Lower explosion limits:		not applicable
Upper explosion limits:		not applicable
Flash point:		not applicable
Auto-ignition temperature:		not applicable
Decomposition temperature:		not applicable
pH-Value (at 20 °C):		not applicable
Viscosity / kinematic:		not determined
Water solubility:		insoluble
(at 20 °C)		
Vapour pressure:		not applicable
(at 20 °C)		
Density (at 20 °C):		1,17 g/cm ³
Particle characteristics:		not applicable

9.2. Other information**Information with regard to physical hazard classes**

Self-ignition temperature	
Solid:	not applicable

Other safety characteristics

Solvent separation test:	<3 %
Solvent content:	0 %
Solid content:	100 %
Viscosity / dynamic:	not determined

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

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

No decomposition if used as directed.

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

Thermal decomposition can lead to release of irritating gases and vapours.

10.5. Incompatible materials

This information is not available.

10.6. Hazardous decomposition products

Hazardous decomposition products at high temperatures: Carbon dioxide (CO₂), Carbon monoxide, nitrogen oxides (NO_x), fumes.

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SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
72244-98-5	Polyoxy(methyl-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether				
	oral	LD50 2600 mg/kg	Ratte		
	dermal	LD50 >10200 mg/kg	Kaninchen		
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Causes severe skin burns. Risk of serious damage to eyes.

Sensitising effects

May cause sensitisation by skin contact.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

Skin contact

Specific effects in experiment on an animal

This information is not available.

Additional information on tests

Health injuries are not known or expected under normal use.

Practical experience

This information is not available.

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

Classification according to Regulation (EC) No. 1272/2008 [CLP] There are no details about the preparation itself.

Do not empty into drains or the aquatic environment.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
72244-98-5	Polyoxy(methyl-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether				
	Acute algae toxicity	ErC50 >100 mg/l		Algen	

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12.2. Persistence and degradability

Polyoxy(methyl-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether
poorly biodegradable

12.3. Bioaccumulative potential

This information is not available.

12.4. Mobility in soil

This information is not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The substances in the mixture do not meet the PBT / vPvB criteria according to REACH, Annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

This information is not available.

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

Do not empty into drains. Dispose of as hazardous waste in compliance with local and national regulations.

List of Wastes Code - residues/unused products

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Non-cleanable packaging must be disposed of in the same way as the substance. Non-contaminated packagings can be reused.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

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14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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

Restrictions on use (REACH, annex XVII):

Entry 75

2010/75/EU (VOC): 0 g/L

2004/42/EC (VOC): VOC(EU) 0%
VOC(CH) 0%**National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 1,6,7,8,9,11,16.

This data sheet contains changes from the previous version in section(s): 2; 4.1; 5.2; 6.4; 8.2; 9; 11;

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

Further Information

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.

Moreover, national legislation has to be obeyed!

These data describe only the safety requirements for the product(s) and are based on our present knowledge.

However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)