

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGOPOXID 2000 RAPID Komp. A

Revision date: 04.05.2023

Product code: 782000060A

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

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Product group: Epoxy

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

Adhesives

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**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

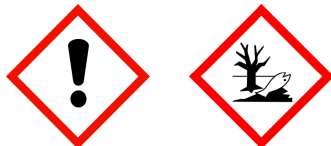
Toxic to aquatic life with long lasting effects.

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

reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight <= 700)

bisphenol-F-epichlorhydrin resin

Signal word: Warning

Pictograms:**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.

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Precautionary statements

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

Special labelling of certain mixtures

EUH205	Contains epoxy constituents. May produce an allergic reaction.
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2.3. Other hazards

No further relevant information available.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture of substances listed below with nonhazardous additions.

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)			50-100 %
	500-033-5	603-074-00-8	01-2119456619-26	
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H315 H319 H317 H411			
9003-36-5	bisphenol-F-epichlorhydrin resin			20 - 25 %
	500-006-8		01-2119454392-40	
	Skin Irrit. 2, Skin Sens. 1B, Aquatic Chronic 2; H315 H317 H411			

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			
25068-38-6	500-033-5	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	50-100 %	
	dermal: LD50 = > 23000 mg/kg; oral: LD50 = > 15000 mg/kg Skin Irrit. 2; H315: >= 5 - 100 Eye Irrit. 2; H319: >= 5 - 100			
9003-36-5	500-006-8	bisphenol-F-epichlorhydrin resin	20 - 25 %	
	dermal: LD50 = < 2000 mg/kg; oral: LD50 = > 2000 mg/kg			

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

Get medical attention if symptoms occur. If unconscious place in recovery position and seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If breathing is irregular or stopped, administer artificial respiration.

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After contact with skin

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

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.

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.

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).

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.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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.

If the product contaminates rivers and lakes or drains inform respective authorities.

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.

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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**

Wear suitable protective equipment. See also section 8

Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Never empty containers with pressure - no pressure 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.

Further information on handling

No special requirements under normal conditions and in case of sufficient 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.

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.

7.3. Specific end use(s)

Adhesives

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Name of agent	Exposure route	Effect	Value
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)			
Worker DNEL, acute		dermal	systemic	8,3 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	12,3 mg/m ³
Worker DNEL, long-term		inhalation	systemic	12,3 mg/m ³
Worker DNEL, long-term		dermal	systemic	8,3 mg/kg bw/day
Consumer DNEL, acute		dermal	systemic	3,6 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	3,6 mg/kg bw/day
Consumer DNEL, acute		inhalation	systemic	0,75 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	0,75 mg/m ³

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PNEC values

CAS No	Name of agent	
Environmental compartment		Value
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	
Freshwater		0,006 mg/l
Freshwater (intermittent releases)		0,018 mg/l
Marine water		0,0006 mg/l
Freshwater sediment		0,996 mg/kg
Marine sediment		0,0996 mg/kg
Soil		0,196 mg/kg

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 fitting safety goggles

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. If the concentration of the solvent exceeds the occupational exposure limit values, an approved Respiratory protection device has to be used.

Thermal hazards

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

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

Physical state:	solid	
Colour:	various	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not applicable
Boiling point or initial boiling point and boiling range:		not applicable
Flammability:		not applicable
Lower explosion limits:		not applicable
Upper explosion limits:		not applicable
Flash point:		not applicable
Auto-ignition temperature:		not applicable

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pH-Value:	not applicable
Water solubility: (at 20 °C)	insoluble
Vapour pressure: (at 20 °C)	not applicable
Density (at 20 °C):	1,19 g/cm ³
Particle characteristics:	not applicable

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

Explosive properties
Not explosive

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**

There is no information.

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

not applicable

10.6. Hazardous decomposition products

At high temperatures, hazardous decomposition products may be produced, for example: carbon dioxide, carbon monoxide, smoke, Nitrogen oxides.

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

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Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
25068-38-6	epoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)				
	oral	LD50 > 15000 mg/kg	rat		
	dermal	LD50 > 23000 mg/kg	rabbit		
9003-36-5	bisphenol-F-epichlorhydrin resin				
	oral	LD50 > 2000 mg/kg	rat		
	dermal	LD50 < 2000 mg/kg	rabbit		

Irritation and corrosivity

Causes skin irritation. Causes serious eye irritation.

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.

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

No data is available on the product itself.

Toxic effects on fish and plankton.

Do not flush into surface water or sanitary sewer system.



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)					
	Acute fish toxicity	LC50 2 mg/l	96 h	Oncorhynchus mykiss (rainbow trout)		
	Acute algae toxicity	ErC50 11 mg/l	72 h	Scenedesmus capricornutum (fresh water algae)		
	Acute crustacea toxicity	EC50 1,8 mg/l	48 h	Daphnia magna (Water flea)		
	Crustacea toxicity	NOEC 0,3 mg/l	21 d	Daphnia magna (Water flea)		
9003-36-5	bisphenol-F-epichlorhydrin resin					
	Acute fish toxicity	LC50 1-10 mg/l	96 h			

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)			
	OECD Test Guideline 302	12	28	
	Not readily biodegradable.			

12.3. Bioaccumulative potential**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	3,242
9003-36-5	bisphenol-F-epichlorhydrin resin	3,6

BCF

CAS No	Chemical name	BCF	Species	Source
25068-38-6	epoxy resin (number average molecular weight <= 700), reaction product: bisphenol-A-(epichlorhydrin)	100 - 3000		
9003-36-5	bisphenol-F-epichlorhydrin resin	100 3000		

12.4. Mobility in soil

reaction product: bisphenol-A-epichlorhydrin-resin with an average of MG=< 700:
Mobility in soil 500-2000 log Koc

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**

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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:**

UN 3077

14.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(reaction product: bisphenol-A-epichlorhydrin-resin with an average of MG=< 700)**14.3. Transport hazard class(es):**

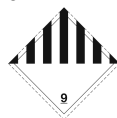
9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M7

Special Provisions:

274 335 375 601

Limited quantity:

5 kg

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

-

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

UN 3077

14.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(reaction product: bisphenol-A-epichlorhydrin-resin with an average of MG=< 700)**14.3. Transport hazard class(es):**

9

14.4. Packing group:

III

Hazard label:

9



Special Provisions:

274, 335, 966, 967, 969

Limited quantity:

5 kg

Excepted quantity:

E1

EmS:

F-A, S-F

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

UN 3077

14.2. UN proper shipping name:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(reaction product: bisphenol-A-epichlorhydrin-resin with an average of MG=< 700)

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14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Special Provisions:

A97 A158 A179 A197

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y956

Excepted quantity:

E1

IATA-packing instructions - Passenger:

956

IATA-max. quantity - Passenger:

400 kg

IATA-packing instructions - Cargo:

956

IATA-max. quantity - Cargo:

400 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

Yes



Danger releasing substance:

reaction product: bisphenol-A-epichlorhydrin-resin with an average of
MG=< 700**14.6. Special precautions for user**

Hazardous components

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

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):

2 - obviously 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): 6,7,8,9,11,15,16.

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

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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
(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)

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.
EUH205	Contains epoxy constituents. May produce an allergic reaction.

Further Information

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.)