

GEZOFLEX EPDM

Print date 12.09.2024
Revision date 14.02.2023
Version 1.1 (en)
replaces version of 24.03.2021 (1.0)

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

1.1 Product identifier

Trade name/designation GEZOFLEX EPDM

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

Sector of uses [SU]

SU12 Manufacture of plastics products, including compounding and conversion
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU3 Industrial uses

Product Categories [PC]

Ruberising agent

Use of the substance/mixture

According to restriction entry no. 78, Annex XVII, REACH Regulation, the product must be embedded in a matrix (with the aid of a suitable binder)

1.3 Details of the supplier of the safety data sheet

Supplier

GEZOLAN AG
Werkstrasse 30
CH-6252 Dagmersellen
Telephone +41 62 748 30 40
E-mail customer-service@gezolan.com

Department responsible for information:
This number is only available at office times.
Telephone +41 62 748 30 40

* **1.4 Emergency telephone number**

Swiss toxicological Information Center 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Remark

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

No data available

2.3 Other hazards

Results of PBT and vPvB assessment

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

SECTION 3: Composition / information on ingredients

3.1 Substances

not applicable

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3.2 Mixtures

Additional information

Product contains no hazardous ingredients.

Remark

The product doesn't contain as injurious to health classified material in concentrations, which would be to be considered in accordance with the reg. (EU) 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

Following inhalation

In the event of symptoms refer for medical treatment.
No special measures are necessary.

Following skin contact

Wash immediately with:
Water
No special measures are necessary.
In case of skin irritation, consult a physician.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

If swallowed seek medical advice immediately and show the doctor the material safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

alcohol resistant foam
Extinguishing powder
Carbon dioxide (CO₂)
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire formation of dangerous gases possible.
Carbon monoxide
Carbon dioxide (CO₂)

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5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

The product itself does not burn.

Co-ordinate fire-fighting measures to the fire surroundings.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid dust formation.

6.2 Environmental precautions

No special measure necessary.

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

After taking up the material dispose according to regulation.

Take up mechanically and send for disposal.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Avoid the formation and deposition of dust.

No special measure necessary.

The product is:

Combustible

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Keep in a cool, well-ventilated place.

No special measures necessary if used correctly.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff.

Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures required.

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Materials to avoid

Do not store together with:
Oxidising agent

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Technical measures to prevent exposure

Avoid the formation and deposition of dust.
Provide suitable extraction at the processing machines.

Personal protection equipment

Eye/face protection

No special measures necessary if used correctly.
in cause of spraying wear safety goggles

Hand protection

No special measures necessary if used correctly.

Body protection:

Light protective clothing.

Respiratory protection

Suitable respiratory protection apparatus:
Short term: filter apparatus, Filter P1
In case of dust formation wear micro dust mask.

Additional information

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

Granulate

Odour

odourless

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		

Safety Data Sheet according to Regulation (EC) No 1907/2006 (REACH)

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	Value	Method	Source, Remark
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	not determined		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	not determined		
Solubility(ies)	Water solubility		No data available practically insoluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	not determined		
Density and/or relative density	not determined		
Relative vapour density	not determined		
particle characteristics	not determined		

9.2 Other information

Other safety characteristics

	Value	Method	Source, Remark
Explosive properties			The product is not explosiv.

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions known.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No hazardous reactions known.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

If heated dangerous gases/vapours may arise.

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*** SECTION 11: Toxicological information**

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

Acute toxicity

Animal data

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity			No data available.
Acute dermal toxicity			No data available.
Acute inhalation toxicity			No data available.

Skin corrosion/irritation

Animal data

Result / Evaluation	Method	Source, Remark
non-irritant.		

Serious eye damage/irritation

Animal data

Result / Evaluation	Method	Source, Remark
non-irritant.		

Sensitisation to the respiratory tract

not determined

Skin sensitisation

Animal data

Result / Evaluation	Dose / Concentration	Method	Source, Remark
not sensitising.			

Germ cell mutagenicity

Value	Method	Result / Evaluation	Remark
In vitro mutagenicity/genotoxicity			No data available

Carcinogenicity

Animal data

Value	Method	Result / Evaluation	Remark
Carcinogenicity			No data available

Reproductive toxicity

Animal data

Value	Method	Result / Evaluation	Remark
Reproductive toxicity			No data available

STOT-single exposure

not determined

STOT-repeated exposure

not determined

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Aspiration hazard

not determined

11.2 Information on other hazards

Information on other hazards

	Effective dose	Method, Evaluation	Source, Remark
Endocrine disrupting properties		No data available	
In vitro phototoxicity		No data available	

Other information

In the case of appropriate handling and intended use no healthwise unfavorable effects of the product are well-known.
 Toxicological data are not available.

*** SECTION 12: Ecological information**

12.1 Toxicity

Aquatic toxicity

	Effective dose	Method, Evaluation	Source, Remark
Acute (short-term) fish toxicity			
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea			
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria			
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms			

12.2 Persistence and degradability

	Value	Method	Source, Remark
Biodegradation			No data available

12.3 Bioaccumulative potential

Assessment/classification
 No data available

12.4 Mobility in soil

Assessment/classification
 No data 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.

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* **12.6 Endocrine disrupting properties**

	Effective dose	Method, Evaluation	Source, Remark
Endocrine disrupting properties		No data available	

12.7 Other adverse effects

Additional ecotoxicological information

Additional information

If appropriate application no interferences in sewage treatment plants.
 Ecological dates are not available.
 Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Package

Completely emptied packages can be recycled.

Remark

For recycling, contact manufacturer.
 Material recycling possible.
 The Waste code is that of the process of origin and is therefore not indicated.
 The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors.

* **SECTION 14: Transport information**

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID number	-	-	-
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	-	-	-

14.6 Special precautions for user

No data available

14.7 Maritime transport in bulk according to IMO instruments

No data available

* **All transport carriers**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

* **Land transport (ADR/RID)**

* **Remark**

No dangerous goods as defined by these transport regulations.

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* **Sea transport (IMDG)**

* **Remark**
No hazardous material as defined by the prescriptions.

* **Air transport (ICAO-TI / IATA-DGR)**

* **Remark**
No hazardous material as defined by the prescriptions.

* **SECTION 15: Regulatory information**

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

Other regulations (EU)

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive] VOC

VOC content, ready-to-use condition 0 %

15.2 Chemical Safety Assessment

* **National regulations**

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

Additional information

National and local regulations concerning chemicals shall be observed.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Indication of changes

* Data changed compared with the previous version