

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGOSEAL

Revision date: 27.11.2023

Product code: 695000000

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

EGOSEAL

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**Sealant, Solvent-applied
Professional use**Uses advised against**

None known.

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 number:+49 55119240 (24h/7d)
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:

Flammable liquid: Flam. Liq. 3

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Flammable liquid and vapour.

May cause drowsiness or dizziness.

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

n-butyl acetate

Signal word: Warning**Pictograms:****Hazard statements**

H226

Flammable liquid and vapour.

H336

May cause drowsiness or dizziness.

Precautionary statements

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233

Keep container tightly closed.

P403+P235

Store in a well-ventilated place. Keep cool.

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P261	Avoid breathing Dust / fumes / gas / mist / vapor / spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P501	Dispose of contents / container to problem waste disposal.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

Additional advice on labelling

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture.

Components of the product may be absorbed into the body by inhalation.

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

: Synthetic rubber and auxiliary agents

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-54-7	Erdöldestilat, schwer, hochraffiniert			31 - 35 %
	265-157-1		01-2119484627-25	
	Asp. Tox. 1; H304			
123-86-4	n-butyl acetate			22 - 26 %
	204-658-1		01-2119485493-29	
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			
52829-07-9	Bis(2,2,6,6-Tetramethyl-4-piperidyl)sebacat			0,1 - 0,2 %
	258-207-9		01-2119537297-32	
	Repr. 2, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2; H361f H318 H400 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		
123-86-4	204-658-1	n-butyl acetate	22 - 26 %
	dermal: LD50 = >14000 mg/kg; oral: LD50 = 10760 mg/kg		

Further Information

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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

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General information

Take off all contaminated clothing immediately. Remove from exposure, lie down.

After inhalation

Provide fresh air. If symptoms persist, call a physician.

After contact with skin

Take off immediately all contaminated clothing After contact with skin, wash immediately with plenty of water and soap. If skin becomes irritated, seek medical treatment.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician if problems persist.

After ingestion

Rinse mouth immediately and drink large quantities of water. Do not induce vomiting. Immediately get medical attention. Show this safety data sheet to the doctor in attendance.

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

Cough, Vomiting, headache, Unconsciousness, Drowsiness, Shortness of breath. Nausea.

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

Lung oedema, other central nervous effects.

Prolonged/repetitive skin contact may cause skin defatting or dermatitis.

Treat symptomatically.

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

Dry extinguishing powder. Carbon dioxide (CO₂). Foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may form: Carbon monoxide. Carbon dioxide. Nitrogen oxides (NO_x).

Fire gases from organic materials are basically classified as toxic.

5.3. Advice for firefighters

Self-contained breathing apparatus (EN 133)

Additional information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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

Avoid contact with skin and eyes. Avoid breathing vapors or mist. Keep people away from and upwind of spill/leak.

For non-emergency personnel

Ensure adequate ventilation, especially in confined areas. Keep away from sources of ignition. No smoking.

Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Prevent further leakage or spillage. Do not discharge product into the aquatic environment without pretreatment (biological treatment plant).

6.3. Methods and material for containment and cleaning up

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For containment

Cover the sewers.

For cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.
If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.

Other information

Prevent further leakage or spillage if safe to do so. If possible, contain escaped material.
Remove according to the regulations.
Take measures to prevent the build up of electrostatic charge.

6.4. Reference to other sections

See also section 7, 13

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

Do not get in eyes, on skin, or on clothing. Wash hands before breaks and immediately after handling the product. Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). An emergency cooling with water spray is to be provided in the event of an ambient fire. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Vapors are heavier than air and can travel long distances to a source of ignition, which can cause flashback. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practice.

When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Take off all contaminated clothing immediately.

Avoid contact with skin, eyes and clothing. Do not breath vapour.

Note: the protective measures listed below refer in particular to the hazardous substance n-butyl acetate.

Further information on handling

Environmental exposure controls - See also section 8

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

Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care. Keep at temperature not exceeding 60 °C.

Keep away from direct sunlight. Keep away from heat.

7.3. Specific end use(s)

Solvent-based sealant for joint sealing (expansion and connection joints).

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m ³	fib/cm ³	Category	Origin
123-86-4	n-Butylacetate	50	241		TWA (8 h)	EU
		150	723		STEL (15 min)	EU

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DNEL/DMEL values

CAS No	Name of agent	Exposure route	Effect	Value
123-86-4	n-butyl acetate			
Worker DNEL, long-term		inhalation	systemic	300 mg/m ³
Worker DNEL, acute		inhalation	systemic	600 mg/m ³
Worker DNEL, long-term		inhalation	local	300 mg/m ³
Worker DNEL, acute		inhalation	local	600 mg/m ³
Worker DNEL, long-term		dermal	systemic	11 mg/kg bw/day
Worker DNEL, acute		dermal	systemic	11 mg/kg bw/day
Consumer DNEL, acute		inhalation	systemic	35,7 mg/m ³
Consumer DNEL, acute		inhalation	local	300 mg/m ³
Consumer DNEL, long-term		inhalation	systemic	35,7 mg/m ³
Consumer DNEL, long-term		inhalation	local	300 mg/m ³
Consumer DNEL, acute		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	6 mg/kg bw/day
Consumer DNEL, acute		dermal	local	2 mg/person/day
Consumer DNEL, long-term		dermal	local	2 mg/person/day
52829-07-9	Bis(2,2,6,6-Tetramethyl-4-piperidyl)sebacat			
Worker DNEL, long-term		inhalation	systemic	2,82 mg/m ³
Worker DNEL, long-term		dermal	systemic	1,6 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,69 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,8 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,4 mg/kg bw/day

PNEC values

CAS No	Name of agent	Value
123-86-4	n-butyl acetate	
Freshwater		0,18 mg/l
Marine water		0,018 mg/l
Freshwater sediment		0,981 mg/kg
Marine sediment		0,0981 mg/l
Micro-organisms in sewage treatment plants (STP)		35,6 mg/l
Soil		0,0903 mg/kg
52829-07-9	Bis(2,2,6,6-Tetramethyl-4-piperidyl)sebacat	
Freshwater		0,018 mg/l
Marine water		0,0018 mg/l
Freshwater sediment		29 mg/kg
Marine sediment		2,9 mg/kg
Micro-organisms in sewage treatment plants (STP)		1 mg/l
Soil		5,9 mg/kg

8.2. Exposure controls

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Appropriate engineering controls

Diffuse suction and air dilution are often inadequate to limit employee exposure. Local exhaust ventilation is usually preferable. Explosion-proof equipment (such as fans, switches, and grounding) should be used in mechanical ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Tightly sealed safety glasses. In addition to protective goggles, wear face protection if splashes are possible. Equipment should comply with EN 166.

Hand protection

Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.
butyl-rubber: Glove thickness 0,3 mm; Break through time 60 minutes
Nitrile rubber: Glove thickness 0,9 mm; Break through time 30 minutes

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection

Long sleeved clothing
Wear face-shield and protective suit for abnormal processing problems.

Respiratory protection

Ensure adequate ventilation, especially in confined areas.
Filtering equipment with A-filter. Full face mask with above-mentioned filter according to the manufacturer's requirement or independent respiratory protective device. Equipment should comply with EN 136, EN 140 or EN 143.

Thermal hazards

Do not heat the product.
Under fire conditions: Flame-resistant clothing
Low temperature resistant gloves: not required

Environmental exposure controls

If leakage of the product can not be prevented, it must be sucked up at the exit point without risk. Observe emission values, exhaust air purification may be provided. If recycling is not possible, dispose of in accordance with local regulations.

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

Physical state:	highly viscous liquid	
Colour:	transparent, black	
Odour:	characteristic (n-Butylacetate)	
Melting point/freezing point:		Not applicable.
Boiling point or initial boiling point and boiling range:		126 °C
Flammability:		No data available
		No data available
Lower explosion limits:	(n-Butylacetate) 1,2 vol. %	
Upper explosion limits:	(n-Butylacetate) 7,5 vol. %	
Flash point:		27 °C
pH-Value:	6,2 (n-Butylacetate)	
Water solubility:		insoluble
Partition coefficient n-octanol/water:		Not applicable.

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Vapour pressure: (at 20 °C)	(n-Butylacetate) 15 hPa
Vapour pressure: (at 50 °C)	(n-Butylacetate) 58 hPa
Density (at 20 °C):	0,94 g/cm ³
Relative density:	transparent
Relative vapour density: (at 20 °C)	(n-Butylacetate) 4

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

product not Explosive. In use, may form flammable/explosive vapour-air mixture.

Other safety characteristics

Evaporation rate:	Not applicable.
Solvent content:	approx. 24 %
Viscosity / dynamic: (at 20 °C)	15000 mPa·s

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

No data available

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.
Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.
Strong acids and strong bases, Strong oxidizing agents.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

See also section 5

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

Toxic data of the petroleum distillate (aspiration) are no longer given by the high viscosity. Low toxicity: LD50> 5000 mg / kg rat

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
123-86-4	n-butyl acetate				
	oral	LD50 mg/kg	10760	rat	OECD Test Guideline 423
	dermal	LD50 mg/kg	>14000	rabbit	OECD Test Guideline 402

Irritation and corrosivity

No skin irritation (rabbit)

No eye irritation (rabbit) OECD Test Guideline 405

Sensitising effects

no danger of sensitization. (guinea pig)

Carcinogenic/mutagenic/toxic effects for reproduction

None known.

STOT-single exposure

Vapours may cause drowsiness and dizziness.

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

Due to the viscosity, this product does not present an aspiration hazard.

Information on likely routes of exposure

Skin contact

Specific effects in experiment on an animal

This information is not available.

11.2. Information on other hazards**Other information**

Inhalation causes narcotic effects/intoxication. Components of the product (butyl acetate) can be absorbed by inhalation of the body.

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

We have no quantitative data concerning the ecological effects of this product.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
123-86-4	n-butyl acetate					
	Acute fish toxicity	LC50	18 mg/l	96 h	Fathead minnow	OECD Test Guideline 203
	Acute crustacea toxicity	EC50	44 mg/l	48 h	Daphnia magna (Water flea)	

12.2. Persistence and degradability

Ready biodegradability 83% (28-day)

based on hazardous substance n-butyl acetate and mineral oil

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CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
123-86-4	n-butyl acetate		83 %	28	
Readily biodegradable, according to appropriate OECD test.					

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

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.

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Special precautions: Spend waste on appropriate landfill or incinerator.

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

In accordance with local and national regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	UN 1133
<u>14.2. UN proper shipping name:</u>	Adhesives
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3



Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

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Other applicable information (land transport)

ADR / RID: is not subject to ADR / RID according to 2.2.3.1.5.
(Container <450 l) no dangerous good
Class / packing group: no dangerous good

Marine transport (IMDG)

Marine pollutant: no

Other applicable information (marine transport)

IMDG / GGV-See: is not subject to the IMDG Code 2.3.2.5 (container <= 30 l)
thus no dangerous good
Class / packing group: no dangerous good

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1133
14.2. UN proper shipping name: Klebstoffe
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

14.7. Maritime transport in bulk according to IMO instruments

Contamination category (X, Y or Z): 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 3, Entry 28, Entry 40

2004/42/EC (VOC): approx. 24 %

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

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): 8.

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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
(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
Flam. Liq: Flammable liquid
Asp. Tox: Aspiration hazard
Eye Dam: Eye damage
Repr: Reproductive toxicity
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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.



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