

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**EGOFLOTT**

Revision date: 28.06.2023

Product code: 414

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

EGOFLOTT

Product group: Butyl

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

Plasto-elastic sealant

**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:  
Hazardous to the aquatic environment: Aquatic Chronic 3  
Hazard Statements:  
Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No 1272/2008****Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local regulation.

**Additional advice on labelling**

The product is classified and labelled in accordance with EC directives or respective national laws.

**2.3. Other hazards**

None known.

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

Solvent-containing butyl rubber

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**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-49-0	Naphtha (petroleum) (<0,1%benzene)			<25 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412			
64742-48-9	Naphtha (petroleum), hydrotreated heavy (<0,1%benzene)			<3 %
	919-857-5		01-2119463258-33	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304			
128-37-0	2,6-Di-tert-butyl-p-kresol, (3,5-Di-tert-butyl-4-hydroxytoluol)			<1 %
	204-881-4		01-2119555270-46	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			

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		
64742-49-0	927-241-2	Naphtha (petroleum) (<0,1%benzene)	<25 %
	inhalation: LC50 = 4951 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = 4951 mg/kg		
64742-48-9	919-857-5	Naphtha (petroleum), hydrotreated heavy (<0,1%benzene)	<3 %
	inhalation: LC50 = >495 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg		
128-37-0	204-881-4	2,6-Di-tert-butyl-p-kresol, (3,5-Di-tert-butyl-4-hydroxytoluol)	<1 %
	dermal: LD50 = >5000 mg/kg; oral: LD50 = <5000 mg/kg		

**Further Information**

Petrol naphtha/Petroleum distillate/Lubricating coil meets the requirements of not being classified as carcinogenic (< 0.1 % benzene < 3 % (weight/weight) DMSO extract (IP 346).

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

Ensure adequate ventilation, especially in confined areas.

**After inhalation**

Move to fresh air. If symptoms persist, call a physician.

If victim is at risk of losing consciousness, position and transport on their side.

**After contact with skin**

Wash off with soap and water. If skin irritation persists, call a physician.

**After contact with eyes**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Rinse mouth with water.

**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**

This information is not available.

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

Carbon dioxide (CO<sub>2</sub>), Water spray, Dry powder, Alcohol-resistant foam . Fight larger fire with water spray or alcohol resistant foam.

**Unsuitable extinguishing media**

High volume water jet

**5.2. Special hazards arising from the substance or mixture**

This information is not available.

**5.3. Advice for firefighters**

Extinguishing materials should be selected according to the surrounding area. In the event of fire, wear self-contained breathing apparatus.

**Additional information**

In the event of fire and/or explosion do not breathe fumes.

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**

Use personal protective equipment. Keep away from unprotected people. Keep upwind.

**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**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Dispose of in accordance with local regulations.

**Other information**

Ensure adequate ventilation.

**6.4. Reference to other sections**

see chapter 7, 8, 13.

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

Ensure adequate ventilation, especially in confined areas. Use only in well-ventilated areas.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

Take measures to prevent the build up of electrostatic charge.

**Advice on general occupational hygiene**

Wash hands before breaks and at the end of workday.

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Do not breathe gas/vapour.

Take off all contaminated clothing immediately.

**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.

**Hints on joint storage**

Not required

**7.3. Specific end use(s)**

Plasto-elastic sealant

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

CAS No	Name of agent	Exposure route	Effect	Value
64742-49-0	Naphtha (petroleum) (<0,1%benzene)			
Consumer DNEL, long-term		oral	systemic	125 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	125 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	208 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	185 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	systemic	871 mg/m <sup>3</sup>
64742-48-9	Naphtha (petroleum), hydrotreated heavy (<0,1%benzene)			
Consumer DNEL, long-term		oral	systemic	125 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	125 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	208 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	871 mg/m <sup>3</sup>
128-37-0	2,6-Di-tert-butyl-p-kresol, (3,5-Di-tert-butyl-4-hydroxytoluol)			
Worker DNEL, long-term		dermal	systemic	8,3 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	5 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	5,8 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	1,74 mg/m <sup>3</sup>

**PNEC values**

CAS No	Name of agent	Value
128-37-0	2,6-Di-tert-butyl-p-kresol, (3,5-Di-tert-butyl-4-hydroxytoluol)	
Freshwater		0,004 mg/l
Marine water		0,0004 mg/l
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		1,04 mg/kg

**Additional advice on limit values**CAS 7727-43-7 Barium sulphate, natural WEL Long-term value: 10\*4\*\* mg/m<sup>3</sup> \*inhalable dust \*\*respirableCAS: 546-93-0 Magnesium carbonate WEL Long-term value: 10\* 4\*\* mg/m<sup>3</sup> \*inhalable dust \*\*respirable**8.2. Exposure controls****Individual protection measures, such as personal protective equipment**

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**Eye/face protection**

Tightly fitting safety goggles

**Hand protection**

Protective gloves complying with EN 374. Nitrile rubber

Glove thickness =&gt;0,12 mm

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. 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**

Filter A

**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:	paste
Colour:	
Odour:	characteristic
Odour threshold:	not determined

	Test method
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	136-164 °C
Flammability:	not applicable
Lower explosion limits:	0,8 vol. %
Upper explosion limits:	6,0 vol. %
Flash point:	29 °C DIN 53213
Auto-ignition temperature:	>200 °C
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / kinematic:	not applicable
Water solubility:	insoluble
Vapour pressure: (at 20 °C)	5 hPa
Density (at 20 °C):	1,48 g/cm <sup>3</sup> DIN 51757
Particle characteristics:	not applicable

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

## Explosive properties

The product is: not Explosive.

## Oxidizing properties

The product is: not auto-flammable

**Other safety characteristics**

Solvent content: 16,5%

Solid content: 83,3%

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Viscosity / dynamic:  
(at 20 °C)

not applicable

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

None reasonably foreseeable.

**10.2. Chemical stability**

No decomposition if used as directed.

**10.3. Possibility of hazardous reactions**

No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid**

This information is not available.

**10.5. Incompatible materials**

This information is not available.

**10.6. Hazardous decomposition products**

Carbon monoxide

**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
64742-49-0	Naphtha (petroleum) (<0,1%benzene)				
	oral	LD50 mg/kg	4951	rat	
	dermal	LD50 mg/kg	>5000	rabbit	
	inhalation vapour	LC50	4951 mg/l	rat	
64742-48-9	Naphtha (petroleum), hydrotreated heavy (<0,1%benzene)				
	oral	LD50 mg/kg	>5000	rat	
	dermal	LD50 mg/kg	>5000	rabbit	
	inhalation (4 h) vapour	LC50	>495	rat	
128-37-0	2,6-Di-tert-butyl-p-kresol, (3,5-Di-tert-butyl-4-hydroxytoluol)				
	oral	LD50 mg/kg	<5000	Ratte	
	dermal	LD50 mg/kg	>5000	Ratte	

**Irritation and corrosivity**

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

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

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**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.

**Practical experience**

This information is not available.

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

Harmful to fish. Harmful to aquatic organisms.

Do not flush into surface water or sanitary sewer system. Leakage of already small quantities into the soil hazardous to drinking water

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-49-0	Naphtha (petroleum) (<0,1%benzene)					
	Acute algae toxicity	ErC50 mg/l	>1000	72 h	Algae	
	Acute crustacea toxicity	EC50 mg/l	>22-<46	48 h	Daphnia Magna	
128-37-0	2,6-Di-tert-butyl-p-kresol, (3,5-Di-tert-butyl-4-hydroxytoluol)					
	Acute algae toxicity	ErC50 mg/l	>0,4	72 h	Algae	

**12.2. Persistence and degradability**

This information is not available.

**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.

**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**

Harmful to fish. Harmful to aquatic organisms.

Do not allow material to contaminate ground water system. Leakage of already small quantities into the soil hazardous to drinking water

**Further information**

This information is not available.

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

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**Disposal recommendations**

Do not dispose of with domestic refuse.

**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**

Dispose of in accordance with local regulations.

**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

**14.6. Special precautions for user**

not applicable

**14.7. Maritime transport in bulk according to IMO instruments**

Transport Classification ADR / IMDG is based on packaging &gt; 30 ltr (IMDG), &lt;450ltr (ADR). Other packaging may have different classifications.

**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 28, Entry 40**National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

**15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,9.



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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

**Relevant H and EUH statements (number and full text)**

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**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.)*