

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

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

1.1 Product identifier

Trade name

Plastic

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

Relevant identified uses of the substance or mixture

Clear lacquer for insulation and sealing.

For industrial and professional use only

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

BBC Cellpack GmbH

Carl-Zeiss-Strasse 20

79761 Waldshut-Tiengen

Telephone no. +49 (0)7741 6007-0

Fax no. +49 (0)7741 64989

e-mail electrical.products@cellpack.com

Information provided by / telephone

+49 (0)7741 6007-0

Advice on Safety Data Sheet

msds@cellpack.com

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aerosol 1; H222

Eye Irrit. 2; H319

STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07

Signal word

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

Danger

Hazardous component(s) to be indicated on label:

n-butyl acetate

Hazard statement(s)

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Hazard statements (EU)

EUH066	Repeated exposure may cause skin dryness or cracking.
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Precautionary statement(s)

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501	Dispose of contents/container to hazardous or special waste collection point.

Supplemental label elements

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material.
 Keep out of the reach of children.

2.3 Other hazards

During and after use possible formation of combustible mixture with solvents.

SECTION 3: Composition/information on ingredients
3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures
Chemical characterization

Mixture of the following substances, containing non-hazardous substances:

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	n-butyl acetate		
	123-86-4 204-658-1 607-025-00-1 -	EUH066 Flam. Liq. 3; H226 STOT SE 3; H336	>= 25.00 - < 50.00 wt%
2	butane		
	106-97-8 203-448-7 601-004-00-0 -	Flam. Gas 1A; H220 Press. Gas; H280	>= 10.00 - < 25.00 wt%
3	acetone		
	67-64-1 200-662-2 606-001-00-8 -	EUH066 Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336	>= 10.00 - < 25.00 wt%

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

4	1-methoxy-2-propanol			
	107-98-2 203-539-1 603-064-00-3 01-2119457435-35	Flam. Liq. 3; H226 STOT SE 3; H336	>= 10.00 - < 25.00	wt%
5	propane			
	74-98-6 200-827-9 601-003-00-5 -	Flam. Gas 1A; H220 Press. Gas	>= 1.50 - < 10.00	wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	C, U	-	-	-
5	U	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

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

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately.

After inhalation

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

After skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person. Keep at rest.

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

Carbon dioxide; Extinguishing powder; Foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Exposure to heat may cause bursting of the aerosol packagings.

5.3 Advice for firefighters

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

When extinguishing fires, use breathing apparatus with an independent source of air. Cool endangered containers with water in case of fire. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent - avoid use of solvents.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Comply with the health and safety at work laws.

General protective and hygiene measures

Do not eat or drink during work - no smoking. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Avoid contact with eyes and skin.

Advice on protection against fire and explosion

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.

Recommended storage temperature

Value	20	°C
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Requirements for storage rooms and vessels

Storage rooms must be properly ventilated.

Incompatible products

Do not store together with: oxidizing substances; spontaneously combusting substances; oxidizing agents

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

No	Substance name	CAS no.	EC no.
1	n-butyl acetate	123-86-4	204-658-1
List of approved workplace exposure limits (WELs) / EH40			
Butyl acetate			
	WEL short-term (15 min reference period)	966	mg/m ³ 200 ppm
	WEL long-term (8-hr TWA reference period)	724	mg/m ³ 150 ppm
EU 2019/1831			
n-Butyl acetate			
	WEL short-term (15 min reference period)	723	mg/m ³ 150 ppm
	WEL long-term (8-hr TWA reference period)	241	mg/m ³ 50 ppm
2	butane	106-97-8	203-448-7
List of approved workplace exposure limits (WELs) / EH40			
Butane			
	WEL short-term (15 min reference period)	1810	mg/m ³ 750 ppm
	WEL long-term (8-hr TWA reference period)	1450	mg/m ³ 600 ppm
	Comments	Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene)	
3	acetone	67-64-1	200-662-2
2000/39/EC			
Acetone			
	WEL long-term (8-hr TWA reference period)	1210	mg/m ³ 500 ppm
List of approved workplace exposure limits (WELs) / EH40			
Acetone			
	WEL short-term (15 min reference period)	3620	mg/m ³ 1500 ppm
	WEL long-term (8-hr TWA reference period)	1210	mg/m ³ 500 ppm
4	1-methoxy-2-propanol	107-98-2	203-539-1
2000/39/EC			
1-Methoxypropanol-2			
	WEL short-term (15 min reference period)	568	mg/m ³ 150 ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m ³ 100 ppm
	Skin resorption / sensibilisation	Skin	
List of approved workplace exposure limits (WELs) / EH40			
1-Methoxypropan-2-ol			
	WEL short-term (15 min reference period)	560	mg/m ³ 150 ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m ³ 100 ppm
	Comments	Sk	

DNEL, DMEL and PNEC values
DNEL values (worker)

No	Substance name	CAS / EC no	
Route of exposure	Exposure time	Effect	Value
1	1-methoxy-2-propanol	107-98-2 203-539-1	
dermal	Long term (chronic)	systemic	183 mg/kg/day
inhalative	Long term (chronic)	systemic	369 mg/m ³
inhalative	Short term (acute)	local	553.5 mg/m ³
inhalative	Short term (acute)	systemic	553.5 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no	
Route of exposure	Exposure time	Effect	Value
1	1-methoxy-2-propanol	107-98-2 203-539-1	
oral	Long term (chronic)	systemic	33 mg/kg/day
dermal	Long term (chronic)	systemic	78 mg/kg/day
inhalative	Long term (chronic)	systemic	43.9 mg/m ³

PNEC values

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	1-methoxy-2-propanol		107-98-2 203-539-1	
	water	fresh water	10	mg/L
	water	marine water	1	mg/L
	water	Aqua intermittent	100	mg/L
	water	fresh water sediment	52.3	mg/kg
	with reference to: dry weight			
	water	marine water sediment	5.2	mg/kg
	with reference to: dry weight			
	soil	-	4.59	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	100	mg/L

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators: Use half-mask model with cartridge or air-fed. Recommendation: gas filter AX, code colour: brown

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Other

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation	liquid
Form	Aerosol
Colour	colourless
Odour	characteristic
pH value	No data available

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

Boiling point / boiling range	
Value	-0.5 °C
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	< 0 °C
Ignition temperature	
Value	270 °C
Flammability	
No data available	
Lower explosion limit	
Value	1.4 % vol
Upper explosion limit	
Value	14.3 % vol
Vapour pressure	
Value	2100 hPa
Reference temperature	20 °C
Value	4900 hPa
Reference temperature	50 °C
Relative vapour density	
No data available	
Relative density	
No data available	
Density	
Value	0.88 g/cm ³
Reference temperature	20 °C
Solubility in water	
Comments	insoluble
Solubility	
No data available	
Partition coefficient n-octanol/water (log value)	
No data available	
Kinematic viscosity	
No data available	
Particle characteristics	
No data available	

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity
10.1 Reactivity

No data available.

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Stable under recommended storage and handling conditions(See section 7). Protect from heat and direct sunlight.

10.5 Incompatible materials

oxidizing substances; spontaneously combusting substances

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
LD50		4016	mg/kg bodyweight
Species	rat		
Method	EC 440/2008, B.1		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
LD50		> 2000	mg/kg bodyweight
Species	rat		
Method	440/2008/EC B.3.		
Source	ECHA		

Acute inhalational toxicity			
No data available			

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Species	rabbit		
Method	EC 440/2008, B.4		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Species	rabbit		
Method	2004/73/EEC, B.5		
Source	ECHA		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Route of exposure	Skin		
Species	guinea pig		
Method	440/2008/EC B.6		

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

Source Evaluation	ECHA non-sensitizing
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Germ cell mutagenicity
No data available

Reproduction toxicity
No data available

Carcinogenicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration hazard
No data available

11.2 Information on other hazards

Endocrine disrupting properties
No data available.

Other information
No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)
No data available

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)
No data available

Toxicity to Daphnia (chronic)
No data available

Toxicity to algae (acute)
No data available

Toxicity to algae (chronic)
No data available

Bacteria toxicity
No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

No data available.

12.7 Other adverse effects

Other adverse effects

Danger to drinking water if even extremely small quantities leak into the ground.

12.8 Other information

Other information

The product should not be allowed to enter drains or water courses.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste code 16 05 04* gases in pressure containers (including halons) containing hazardous substances

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Hand over only completely emptied aerosol cans for valuable substance recovery!

Packaging

Waste code 15 01 04 metallic packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class 2
 Classification code 5F
 UN number UN1950
 Proper shipping name AEROSOLS
 Tunnel restriction code D
 Label 2.1

14.2 Transport IMDG

Class 2
 UN number UN1950
 Proper shipping name AEROSOLS
 EmS F-D, S-U
 Label 2.1
 Comments The outer packings (boxes or cartons) should comply with the Regulations of Packing Group II at least.

14.3 Transport ICAO-TI / IATA

Class 2.1
 UN number UN1950
 Proper shipping name Aerosols, flammable
 Label 2.1
 Comments The outer packings (boxes or cartons) should comply with the Regulations of Packing Group II (IATA-Regulation 5.2 PI203).

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	acetone	67-64-1	200-662-2	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category: P3a

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)

VOC-value 283 g/ container

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

C Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

EU safety data sheet

Trade name: Plastic

Product no.: L21

Current version : 4.0.0, issued: 20.09.2023

Replaced version: 3.4.0, issued: 07.07.2021

Region: GB

U When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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