

Safety Data Sheet

Bostik Lim & Tät 100ml

Replaces date: 21/04/2015

Revision date: 06/12/2019

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

1.1. Product identifier

Trade name: Bostik Lim & Tät 100ml

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

Recommended uses: Solvent based adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Bostik AB

Address: Strandbadsvägen 22

Zip code: 251 09

City: Helsingborg

Country: SWEDEN

E-mail: info.se@bostik.com

Phone: +46 42 19 50 00

Homepage: www.bostik.com

Contact person: Name: Environment dep., Phone: +46 42 19 50 00

1.4. Emergency Telephone Number

112 - ask for Poison Information Center - Sweden

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336 Aquatic Chronic 3;H412

Most serious harmful effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Substance: ethyl acetate

H-phrases

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

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H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

P-phrases

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271 Use only outdoors or in a well-ventilated area.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container to in accordance with local/regional/national/international regulation.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The product contains organic solvents. Repeated exposure to organic solvents may cause damage to the nervous system and internal organs, e.g. liver, kidneys.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
ethyl acetate	141-78-6	205-500-4	01-2119475103-46-XXXX	25 - 40%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
Xylene	1330-20-7	215-535-7	01-2119488216-32	5 -< 10%		Flam. Liq. 3;H226 Asp. Tox. 1;H304 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 Acute Tox. 4;H332 STOT SE 3;H335 STOT RE 2;H373 Aquatic Chronic 3;H412
ethylbenzene	100-41-4	202-849-4	01-2119489370-35-xxxx	1 -< 2.5%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Acute Tox. 4;H332 STOT RE 2;H373 Aquatic Chronic 3;H412
cyclohexane	110-82-7	203-806-2	01-2119463273-41	1 -< 2.5%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
N,N'-ethan-1,2-diylbis(12-hydroxyoctadecan-1-amid)	123-26-2	204-613-6		0.25 -< 1%		Aquatic Chronic 3;H412

Please see section 16 for the full text of H-phrases.

Ingredient comments: This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Fresh air and rest. Keep victim under observation.
Ingestion: If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water and give large amounts of water to people not unconscious.
Skin contact: Remove contaminated clothing. Carefully remove as much of the product from the skin as possible, using a cloth. Wash skin thoroughly with soap and lukewarm water and apply skin cream. Seek medical advice in case of eczema. Do not use white spirit, thinner or other

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organic solvents.

- Eye contact:** Remove any contact lenses and rinse with water for at least 15 minutes (keep the eyelids open). Get medical attention if irritation persists after washing.
- Burns:** Flush with water until the pain stops and continue flushing for another 30 minutes.
- General:** In the event of an accident, nausea or other effect, contact a doctor immediately. When obtaining medical advice, show the safety data sheet or label.

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

At high concentrations, may irritate the respiratory organs and affect the central nervous system. May cause cracking of the skin and risk of eczema.

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

No specific information beyond that provided otherwise in this data sheet considered necessary for the treating physician.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, carbon dioxide, foam or fine water mist.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire causes formation of toxic gases. Carbon monoxide (CO) and carbon dioxide (CO₂).

5.3. Advice for fire-fighters

Wear a self contained breathing apparatus. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid inhalation and contact with skin and eyes. Provide good ventilation. Use suitable protective clothing as protection against splashing and contamination. Keep the emission separate from sources of ignition.

For emergency responders: Note the risk of ignition and explosion. Always keep away from sources of ignition.

6.2. Environmental precautions

#Not translated# In the event of major emissions, contact the relevant authorities.

6.3. Methods and material for containment and cleaning up

Collect with inert absorbent material (eg sand, silicon gel, acid binders, universal binders, sawdust). Collect in suitable sealed containers for further processing.

6.4. Reference to other sections

See section 13 for waste disposal. See Sections 7 and 8 for prevention.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

Stored in a well ventilated place and separated from sources of combustion. Keep containers tightly closed in closed original packaging or other closed metal or glass vessel. Stored in a well ventilated place and separated from sources of combustion.

7.3. Specific end use(s)

See Technical Data Sheet. See Product Data Sheet.

Other Information: Classification for storage of flammable goods: Class 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	fiber/cm3	Comments	Remarks
ethyl acetate	8h	200				
ethyl acetate	15m	400				
Xylene	15m	15	441			
Xylene	8h	50	220			

8.2. Exposure controls

Appropriate engineering controls: Workplace and work methods are designed to prevent direct contact. Observe hygiene limits. Make sure the ventilation is sufficient. Prevent sparks developing as a result of static electricity.

Personal protective equipment, eye/face protection: Tight-fitting goggles or face mask if risk of splashes or direct contact.

Personal protective equipment, skin protection: Wear antistatic protective clothing Immediately remove contaminated clothes and wash them before reusing.

Personal protective equipment, hand protection: Barrier glove (eg. 4H). Breakthrough time:> 480 min

Personal protective equipment, respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. (A2 or self contained breathing apparatus)

Environmental exposure controls: Ensure compliance with local regulations for emissions.

Heating hazards: Avoid high temperatures and direct sunlight.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Viscous.
Colour	Beige.
Odour	Solvent.
Solubility	Soluble in: Organic solvents.
Explosive properties	-
Oxidising properties	-

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Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	80 °C	
Flash Point	-4 °C	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	1.2 g/cm ³	

SECTION 10: Stability and reactivity

10.1. Reactivity

No known data.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

Avoid sources of sparking (smoking, fire, static electricity).

10.5. Incompatible materials

Strong acids/ Strong alkalis/ Strong oxidisers/ Strong reducing agents.

10.6. Hazardous decomposition products

No dangerous decomposition products during appropriate storage and handling.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ethyl acetate, cas-no 141-78-6

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Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		5600mg/kg			

Xylene, cas-no 1330-20-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 3900mg/kg			

cyclohexane, cas-no 110-82-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		5000mg/kg			

Acute toxicity - dermal: No information available

Acute toxicity - inhalation

ethyl acetate, cas-no 141-78-6

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4h	56000mg/l			

Xylene, cas-no 1330-20-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4h	20mg/l			

Skin corrosion/irritation: Based on existing data, the classification criteria are deemed not to have been met.

Serious eye damage/eye irritation: Causes serious eye irritation.

Respiratory sensitisation or skin sensitisation: The product contains substances which may cause an allergic reaction in already sensitive persons.

Germ cell mutagenicity: Based on existing data, the classification criteria are deemed not to have been met.

Carcinogenic properties: Based on existing data, the classification criteria are deemed not to have been met.

Reproductive toxicity: Based on existing data, the classification criteria are deemed not to have been met.

Single STOT exposure: May cause drowsiness or dizziness.

Repeated STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: Based on existing data, the classification criteria are deemed not to have been met.

SECTION 12: Ecological information

12.1. Toxicity

ethyl acetate, cas-no 141-78-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish		96h	96hLC50	> 200mg/l			
Water flea		48h	48hEC50	> 700mg/l			
Algae		72h	72hIC50	> 100mg/l			

Xylene, cas-no 1330-20-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish		96h	96hEC50	2mg/l			
Algae		72h	72hLC50	3.2mg/l			
Water flea		48h	48hEC50	8.5mg/l			

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cyclohexane, cas-no 110-82-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Water flea		48h	48hEC50	0.9mg/l			

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

ethyl acetate, cas-no 141-78-6

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.		

Xylene, cas-no 1330-20-7

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
					Readily biodegradable.		

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

xylene: Log Koc = 2.572885, Calculated from Log Pow (moderate mobility).

12.5. Results of PBT and vPvB assessment

The components in this product do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms. This product contains substances, which may cause adverse long-term effects to the aquatic environment.

Other Information

Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Refuse, spillages and packaging waste are treated as dangerous waste. The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Category of waste: 08 04 09* waste adhesives and sealants containing organic solvents or other hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:		14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Hazard identification number:		Tunnel restriction code:	(D/E)

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Inland water ways transport (ADN)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	33		
Hazard label(s):			
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive containing flammable liquid	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3	Environmental Hazardous Substance Name(s):	ethyl acetate
Hazard label(s):		IMDG Code segregation group:	
EmS:	F-E, S-D		

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:	1133	14.4. Packing group:	II
14.2. UN proper shipping name:	Adhesive containing flammable liquid	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3		
Hazard label(s):			

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions:	<p>Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).</p> <p>Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.</p> <p>Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.</p> <p>EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59. The product does not contain SVHC substances.</p> <p>EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction: None of the components are listed.</p> <p>EU-REACH (1907/2006) - Annex XIV - List of substances subject to authorisation:None of the components are listed.</p>
Authorisations / limitations:	<p>Observe local regulations.</p> <p>Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.</p>

15.2. Chemical Safety Assessment

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Other Information: For this product, no Chemical Safety Assessment in accordance with Directive (EC) 1907/2006 (REACH) has been carried out.

SECTION 16: Other information

Vendor notes: Version 3.
The information in this SDS is based on our current knowledge and on current EU and national laws. The product should not be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the user who has full responsibility to comply with the requirements of current legislation. The information in this SDS is meant as a description of safety requirements for the product and not a guarantee of product properties.

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List of relevant H-statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

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