

Safety Data Sheet

Bostik Lim/Tät Plus

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 Plus

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 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H336 Aquatic Chronic 3;H412

Most serious harmful effects: Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Solvent vapours may form explosive mixtures with air.

2.2. Label elements

Pictograms



Signal word: Danger

H-phrases

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
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

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P243 Take action to prevent static discharges.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.
P261 Avoid breathing vapor/spray

2.3. Other hazards

Solvent vapours may form explosive mixtures with air.

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

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
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
acetone, propan-2-one, propanone	67-64-1	200-662-2	01-2119471330-49	5 -< 10%		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics		927-510-4	01-2119475515-33-xxxx	5 -< 10%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411
Hydrocarbons, C6, isoalkanes, <5% n-hexane		931-254-9	01-2119484651-34-xxxx	1 -< 5%		Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411
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

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. In the event of irritation in the respiratory tract, breathing difficulties, headache, tiredness, nausea or unconsciousness, seek immediate medical attention.

Ingestion: Rinse mouth thoroughly with water and give large amounts of water to people not unconscious. DO NOT INDUCE VOMITING! Contact physician.

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

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cream. Seek medical advice in case of eczema.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids. Remove contact lenses. Continue to rinse for at least 15 minutes. Contact physician.

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

Treat symptoms.

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).

Eliminate all sources of ignition.

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.

Other Information: Do not allow extinguishing water or spillage to run out into the sewage system.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Note the risk of ignition and explosion. 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. Use personal protective equipment.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Avoid direct contact. In the event of major emissions, contact the relevant authorities. #Not translated#

6.3. Methods and material for containment and cleaning up

Soak up with sawdust, sand or other inert absorption material. Collect in suitable sealed containers for further processing. Eliminate all sources of ignition.

6.4. Reference to other sections

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

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Avoid sources of sparking (smoking, fire, static electricity). 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.

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. Store at room temperature.

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
acetone, propan-2-one, propanone	8h	500	1210			
acetone, propan-2-one, propanone	15m	1500	3620			
Xylene	15m	15	441			
Xylene	8h	50	220			

8.2. Exposure controls

Exposure controls: Use the product under well-ventilated conditions.

Appropriate engineering controls: Workplace and work methods are designed to prevent direct contact. Observe hygiene limits. 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: Must not be discharged into the sewage system. Ensure compliance with local regulations for emissions.

Heating hazards: Avoid high temperatures and direct sunlight.

SECTION 9: Physical and chemical properties

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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	-

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	60 °C	
Flash Point	-10 °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	1.18 g/cm ³	
Kinematic viscosity	500 mm ² /s	(40°C)
VOC (Volatile organic compounds):	~370 g/L	

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

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 heating and contact with ignition sources.

10.5. Incompatible materials

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Strong acids/ Strong alkalis/ Strong reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition can produce sulphur dioxide and nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

acetone, propan-2-one, propanone, cas-no 67-64-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		5800 mg/kg			

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, EC-no 927-510-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 5840mg/kg			

Xylene, cas-no 1330-20-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		3500 mg/kg			

Hydrocarbons, C6, isoalkanes, <5% n-hexane, EC-no 931-254-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 16750mg/kg			

ethylbenzene, cas-no 100-41-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		3500 mg/kg			

Acute toxicity - dermal

acetone, propan-2-one, propanone, cas-no 67-64-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 15800mg/kg			

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, EC-no 927-510-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		> 2920mg/kg			

Xylene, cas-no 1330-20-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 1700mg/kg			
Rabbit	LD50		> 4350mg/kg			

Hydrocarbons, C6, isoalkanes, <5% n-hexane, EC-no 931-254-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		> 3350mg/kg		OECD 402	

ethylbenzene, cas-no 100-41-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		15400 mg/kg			

Acute toxicity - inhalation

acetone, propan-2-one, propanone, cas-no 67-64-1

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4h	79 mg/l			

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Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, EC-no 927-510-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)	4h	> 23.3mg/l		OECD 403	

Xylene, cas-no 1330-20-7

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4h	> 47635mg/l			
Rat	LC50	4h	> 5000ppm			

Hydrocarbons, C6, isoalkanes, <5% n-hexane, EC-no 931-254-9

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 (vapour)		259354mg/m ³		OECD 403	

ethylbenzene, cas-no 100-41-4

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50	4h	1432 mg/l			

Skin corrosion/irritation: Causes skin irritation.

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

Respiratory sensitisation or skin sensitisation: Based on existing data, the classification criteria are deemed not to have been met.

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

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available

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

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No information available

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:	III
14.2. UN proper shipping name:		14.5. Environmental hazards:	Not applicable.
14.3. Transport hazard class(es):	3		
Hazard label(s):	3		
Hazard identification number:		Tunnel restriction code:	(D/E)

Inland water ways transport (ADN)

14.1. UN-No.:	1133	14.4. Packing group:	III
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:	III
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	3	Environmental Hazardous Substance Name(s):	
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:	III
14.2. UN proper shipping name:	Adhesive	14.5. Environmental hazards:	Not applicable.
14.3. Transport hazard class(es):	3		
Hazard label(s):			

14.6. Special precautions for user

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Limited Quantity (LQ): 10L

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: Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

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.

Safety, health and environmental regulations / legislation specific for the substance or mixture. EU regulation (EC) No. 1907/2006 (REACH).

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.

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction: None of the components are listed.

EU-REACH (1907/2006) - Annex XIV - List of substances subject to authorisation: None of the components are listed.

Authorisations / limitations: Observe local regulations.
Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

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.

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H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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