

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

BOSTIK STIX A780 LINO POWER Supercedes Date: 25-Nov-2020

Revision date 23-Sep-2021 Revision Number 2.01

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

1.1. Product identifier

Product Name BOSTIK STIX A780 LINO POWER

Pure substance/mixture Mixture

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

Recommended use Adhesive.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name
Bostik Limited
Common Rd
ST16 3EH
Stafford UK

Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom +44 (1785) 272650

+353 (1) 8624900 (Monday- Friday 9am-5pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Signal word

None

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

EU Specific Hazard Statements

EUH208 - Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] & 1,2-benzisothiazol-3(2H)-one [BIT]. May produce an allergic reaction EUH210 - Safety data sheet available on request

Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

2.3. Other hazards

No information available.

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PBT & vPvB

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

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC)	Specific concentration limit (SCL)	REACH registration number
				No. 1272/2008 [CLP]		
Diethanolamine	203-868-0	111-42-2	0.1 - <1	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) STOT RE 2 (H373) Repr. 2 (H361fd) Aquatic Chronic 3 (H412)		01-2119488930- 28-XXXX
Quartz	238-878-4	14808-60-7	0.1 - <1	^		[4]
1,2-benzisothiazol-3(2H) -one [BIT]	220-120-9	2634-33-5	0.01 - <0.05	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) Acute Tox. 2 (H330) Aquatic Chronic 2 (H411) M Factor Acute =1	Skin Sens. 1 :: C>=0.05%	01-2120761540- 60-XXXX
reaction mass of 5-chloro-2-methyl-2H-iso thiazol-3-one and 2-methyl-2H-isothiazol-3 -one (3:1) [C(M)IT/MIT]	611-341-5	55965-84-9	<0.0015	Acute Tox. 3 (H301) Acute Tox. 2 (H310) Acute Tox. 2 (H330) Skin Corr. 1C (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic	Eye Dam. 1 :: C>=0.6% Irrit. 2 :: 0.06%<=C<0.6% Skin Corr. 1C :: C>=0.6% Skin Irrit. 2 :: 0.06%<=C<0.6% Skin Sens. 1 :: C>=0.0015%	01-2120764691- 48-XXXX

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	1 (H410)		
	M Factor Acute	=	
	100		
	M Factor Chroni	С	
	= 100		

NOTE [4] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex IV of REACH NOTE [5] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex V of REACH

Full text of H- and EUH-phrases: see section 16

Note: ^ indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

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4.1. Description of first aid measures

General advice If medical advice is needed, have product container or label at hand. Show this safety

data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper

eyelids. Consult a doctor.

Skin contact This product contains NATURAL RUBBER LATEX. Studies show that natural rubber

latex can cause allergic reactions in some individuals. Such allergic reactions are capable of being immediate for HIGHLY SENSITIZED individuals. May cause

sensitisation by skin contact.

Ingestion Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never

give anything by mouth to an unconscious person.

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

Symptoms May cause allergic skin reaction.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

surrounding environment.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

No information available.

Hazardous combustion products Carbon dioxide (CO2). Nitrogen oxides (NOx).

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5.3. Advice for firefighters

precautions for fire-fighters

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Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout

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gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. **Personal precautions**

Use personal protection recommended in Section 8. For emergency responders

6.2. Environmental precautions

See Section 12 for additional Ecological Information. **Environmental precautions**

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations. Prevention of secondary hazards

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation. Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. General hygiene considerations

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep from freezing.

Recommended storage

temperature

Do not freeze. Keep at temperatures between 5 and 35 °C. Keep at temperatures

between 2 and 10 °C.

7.3. Specific end use(s)

Specific use(s) Adhesive.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	European Union	United Kingdom
Limestone	-	TWA: 10 mg/m ³
1317-65-3		TWA: 4 mg/m ³

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		STEL: 30 mg/m ³
		STEL: 12 mg/m ³
Rubber, natural	-	TWA: 0.6 mg/m ³
9006-04-6		STEL: 1.8 mg/m ³

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)			
Quartz (14808-60-7)			
1,2-benzisothiazol-3(2H)-one [BIT]	(2634-33-5)		
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	6.81 mg/m³	
worker Long term Systemic health effects	Dermal	0.966 mg/kg bw/d	

Derived No Effect Level (DNEL)						
1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-5)						
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor			
Consumer Long term Systemic health effects	Inhalation	1.2 mg/m³				
Consumer Long term Systemic health effects	Dermal	0.345 mg/kg bw/d				

Predicted No Effect Concentration No information available. (PNEC)

Predicted No Effect Concentration (PNEC)	
1,2-benzisothiazol-3(2H)-one [BIT] (2634-33-	5)
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	4.03 μg/l
Marine water	0.403 μg/l
Sewage treatment plant	1.03 mg/l
Freshwater sediment	49.9 μg/l
Marine sediment	4.99 μg/l
Soil	3 mg/kg dry weight

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Avoid contact with eyes. Hand protection

Wear protective nitrile rubber gloves. Glove thickness > 0.4 mm. The breakthrough time

for the mentioned glove material is in general greater than 480 min. Gloves must

conform to standard EN 374

Skin and body protection Wear protective gloves and protective clothing. Avoid contact with skin, eyes or clothing.

This product contains NATURAL RUBBER LATEX. Studies show that natural rubber latex can cause allergic reactions in some individuals. Such allergic reactions are capable of being immediate for HIGHLY SENSITIZED individuals. May cause

sensitisation by skin contact.

Respiratory protection During spraying wear suitable respiratory equipment. This product contains NATURAL

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RUBBER LATEX. Studies show that natural rubber latex can cause allergic reactions in some individuals. Such allergic reactions are capable of being immediate for HIGHLY SENSITIZED individuals. Sensitive persons should be cautious when using this product

and may choose to wear additional respiratory protection.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained. Do not

allow into any sewer, on the ground or into any body of water. Prevent product from

entering drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical stateLiquidAppearanceCreamColourCream

OdourNo information availableOdour thresholdNo information available

Property Values Remarks • Method

pH 8.1 - 8.8
pH (as aqueous solution) No data available
Melting point / freezing point
Initial boiling point and boiling No data available

range

Flash point > 100 °C
Evaporation rate No data available
Flammability Not applicable for liquids .

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapour pressure No data available Relative vapour density No data available Relative density No data available Miscible in water Water solubility Solubility(ies) No data available Partition coefficient No data available **Autoignition temperature** No data available **Decomposition temperature** No data available Kinematic viscosity No data available

Dynamic viscosity 32000 - 42000 mPa s Spindle A6 @ 20 rpm @ 23 °C

Explosive properties No data available Oxidising properties No data available

9.2. Other information

Solid content (%) 75.25

VOC Content (%)

Liquid Density 1.24 - 1.34 g/cm³

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

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Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical

None.

impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Do not freeze.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition

products

Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

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

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

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

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

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 16,537.20 mg/kg

Component Information

ı	Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
	Diethanolamine	LD50 = 1600 mg/kg (Rattus)	= 8380 mg/kg (Oryctolagus	
	111-42-2	OECD 401	cuniculus)	
Ī	Quartz	>2000 mg/kg (Rattus)		
L	14808-60-7			

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1,2-benzisothiazol-3(2H)-one [BIT] 2634-33-5	=670 mg/kg (Rattus)	LD50 > 2000 mg/kg (Rattus)	
reaction mass of 5-chloro-2-methyl-2H-isothiazo I-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] 55965-84-9	=53 mg/kg (Rattus)	LD50 = 87.12 mg/kg (Oryctolagus cuniculus)	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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

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

Reproductive toxicityBased on available data, the classification criteria are not met.

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.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
Diethanolamine	EC50 (72) >=	LC50 (96h) =	-	EC50 48 h =		

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	"					
111-42-2	2.7 - 19 mg/l	460 mg/l		30.1 mg/L		
	(Pseudokirchner	(Oncorhynchus		(Daphnia magna		
	iella	mykiss))		
	subcapitata)					
1,2-benzisothiazol-3(2	EC50 3Hr	LC50 (96hr)	-	EC50(48hr) 2.94	1	
H)-one [BIT]	13mg/l	2.15 mg/l		mg/l (Daphnia		
2634-33-5	(activated	Cyprinodon		Magna) OECD		
	sludge) (OECD	variegatus EPA		202		
	209)	540/9-85-006				
reaction mass of	EC50 (72h)	EC50 (96h) =	-	EC50 (48h) =0.1	100	100
5-chloro-2-methyl-2H-is	=0.048 mg/L	0.22 mg/L		mg/L (Daphnia		
othiazol-3-one and	(Pseudokirchner	(Oncorhynchus		magna) (OECD		
2-methyl-2H-isothiazol-	iella	mykiss) (OECD		202)		
3-one (3:1)	subcapitata)	211)				
[C(M)IT/MIT]	(OECD 201)	·				
55965-84-9						

12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information reaction reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT] (55965-84-9)					
Method	Exposure time	Value	Results		
OECD Test No. 301B: Ready	28 days	biodegradation	Not readily biodegradable		
Biodegradability: CO2 Evolution					
Test (TG 301 B)					

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Diethanolamine	-2.18	9.2
111-42-2		
Quartz	-	0
14808-60-7		
1,2-benzisothiazol-3(2H)-one [BIT]	0.7	6.95
2634-33-5		
reaction mass of	-	3.16
5-chloro-2-methyl-2H-isothiazol-3-one and		
2-methyl-2H-isothiazol-3-one (3:1)		
[C(M)IT/MIT]		
55965-84-9		

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Diethanolamine 111-42-2	The substance is not PBT / vPvB
1,2-benzisothiazol-3(2H)-one [BIT]	The substance is not PBT / vPvB

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2634-33-5	
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) [C(M)IT/MIT]	The substance is not PBT / vPvB
55965-84-9	

12.6. Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused

products

Dispose of in accordance with local regulations. Dispose of waste in accordance with

environmental legislation.

Contaminated packaging Do not reuse empty containers.

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

SECTION 14: Transport information

Note: Keep from freezing.

Land transport (ADR/RID)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable

14.6 Special Provisions None

IMDG

14.1 UN number or ID number
14.2 Proper Shipping Name
14.3 Transport hazard class(es)
14.4 Packing group
Not regulated

14.5 Marine pollutantNP14.6 Special ProvisionsNone

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable14.6 Special ProvisionsNone

Section 15: REGULATORY INFORMATION

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

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European Union

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

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

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

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorisation:

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

Biocidal Products Regulation (EU) No 528/2012 (BPR)

Contains a biocide: Contains C(M)IT/MIT (3:1). May produce an allergic reaction

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Persistent Organic Pollutants

Not applicable

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H310 - Fatal in contact with skin

H314 - Causes severe skin burns and eye damage

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H330 - Fatal if inhaled

H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child

H373 - May cause damage to organs through prolonged or repeated exposure

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H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects H411 - Toxic to aquatic life with long lasting effects H412 - Harmful to aquatic life with long lasting effects

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Ceiling Limit Value
* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

Key literature references and sources for data

No information available

Prepared By Product Safety & Regulatory Affairs

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Indication of changes

Revision note SDS sections updated, 3, 8, 11, 12.

Training Advice No information available

Further information No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

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