



Safety Data Sheet

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

BOSTIK BLU TACK
Supersedes Date: 08-Oct-2018

Revision Date 21-Feb-2019
Revision Number 1.06

This Safety Data Sheet is prepared voluntarily: it is not required according to Article 31 of Regulation (EC) No 1907/2006

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

1.1. Product Identifier

Product Name BOSTIK BLU TACK
Pure substance/mixture Mixture

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

Recommended use Consumer use. Adhesives.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

E-mail address

1.4. Emergency telephone number

United Kingdom +44 (1785) 272650
Ireland +353 (1) 8624900 (Monday- Friday 9am-5pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Not classified

2.2. Label Elements

Not classified

Signal word
None

Hazard statements
Not classified

2.3. Other Hazards

No information available

PBT and vPvB assessment

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

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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) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Carbonic acid, calcium salt (1:1)	207-439-9	471-34-1	40 - <80	No data available		01-2119486795-18-XXXX
Limestone	215-279-6	1317-65-3	10 - <20	No data available		Exempt (N)
Polyisobutylene	-	9003-27-4	5 - <10	No data available		Exempt(P)
White mineral oil, petroleum	232-455-8	8042-47-5	1 - <5	Asp. Tox. 1 (H304)		01-2119487078-27-xxxx
Distillates, petroleum, hydrotreated light paraffinic	265-158-7	64742-55-8	1 - <5	Asp. Tox. 1 (H304)		01-2119487077-29-XXXX
Titanium dioxide	236-675-5	13463-67-7	1- <2.5	No data available		01-2119489379-17-XXXX
Calcium stearate	216-472-8	1592-23-0	0.1 - <1	No data available		No data available
Epoxidised Soya Bean Oil	-	UNKNOWN	0.1 - <1	No data available		No data available
Blue Pigment	-	UNKNOWN	0.01 - <0.1	No data available		No data available
2,6-Di-tert-butyl-p-cresol	204-881-4	128-37-0	0.01 - <0.05	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		01-2119555270-46-XXXX

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

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

General advice	Take a copy of the Safety Data Sheet when going for medical treatment.
Inhalation	Not an expected route of exposure.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Skin contact	Wash hands thoroughly after handling.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

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

Symptoms None known.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Full water jet. Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Thermal decomposition can lead to release of toxic and corrosive gases/vapours.

5.3. Advice for firefighters

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No information available.

Other information Not applicable.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

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.

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

Advice on safe handling None under normal use conditions.

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

7.2. Conditions for safe storage, including any incompatibilities

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Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Specific Use(s)
 Adhesives.

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 This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product

Chemical Name	European Union	Ireland	United Kingdom
Limestone 1317-65-3	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³
Titanium dioxide 13463-67-7	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNEL)

Titanium dioxide (13463-67-7)

Type	Worker Long term Local health effects
Exposure route	Inhalation
Derived No Effect Level (DNEL)	10 mg/m ³

Derived No Effect Level (DNEL)

Titanium dioxide (13463-67-7)

Type	Consumer Long term Systemic health effects
Exposure route	Oral
Derived No Effect Level (DNEL)	700 mg/kg bw/d

Predicted No Effect Concentration (PNEC) No information available.

Predicted No Effect Concentration (PNEC)

Titanium dioxide (13463-67-7)

Environmental compartment	Predicted No Effect Concentration (PNEC)
Marine water	0.0184 mg/l
Freshwater sediment	1000 mg/kg
Freshwater	0.184 mg/l
Marine sediment	100 mg/kg
Soil	100 mg/kg
Microorganisms in sewage treatment	100 mg/l
Freshwater - intermittent	0.193 mg/l

8.2. Exposure controls

Engineering controls No information available.

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Personal Protective Equipment

Eye/face protection No special technical protective measures are necessary.
Skin and body protection None under normal use conditions.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Solid
Appearance	No information available
Colour	Blue
Odour	Slight
Odour Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash Point	No data available	
Evaporation Rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour Pressure	No data available	
Vapour Density	No data available	
Relative Density	No data available	
Water Solubility	Insoluble in water	
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	No data available	
Explosive properties	No data available	
Oxidising properties	No data available	

9.2. Other information

Solid content (%)	100
Softening Point	No information available
Molecular Weight	No information available
VOC (volatile organic compound)	No information available
Density	1.8 g/cm ³
Bulk Density	No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion Data

Sensitivity to mechanical None.

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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 None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions. Stable under recommended storage conditions.

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

No information available

Acute Toxicity

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

ATEmix (dermal) 3,030.00 mg/kg

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Carbonic acid, calcium salt (1:1) 471-34-1	LD50 > 2000 mg/kg (Rat) OECD 420	LD50 >2000 mg/kg (Rat) OECD 402	LC50 (4h) >3mg/ml (Rat)
Limestone 1317-65-3	>5000 mg/kg (rat)		
Polyisobutylene 9003-27-4	LD50 >10000 mg/kg (Rat)	LD50 >5000 mg/Kg (Rat)	LD50 >850 mg/Kg (Rat)
White mineral oil, petroleum 8042-47-5	> 5000 mg/kg (Rat)		CL50 (4h) >5mg/l (Rat)
Distillates, petroleum, hydrotreated light paraffinic 64742-55-8	LD50 > 5000 mg/kg (Rat)	LD50> 5000 mg/kg (Rabbit) OECD 402	= 3900 mg/m ³ (Rat) 4 h

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Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)		
Calcium stearate 1592-23-0	> 10 g/kg (Rat)		
2,6-Di-tert-butyl-p-cresol 128-37-0	LD50 > 5000 mg/kg (Rat) OECD 401	>2000 mg/KG (Rat)	

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 toxicity Based 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.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Not considered to be harmful to aquatic life.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Micro-organisms	Crustacea	M-Factor
Carbonic acid, calcium salt (1:1) 471-34-1	IC50 72H Algae >1000 mg/l	CL50 96H Fish >1000 mg/l	-	EC50 48H Daphnia >1000 mg/l	-
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h)>10000mg/L Fish (Oncorhynchus mykiss)	-	CE50 (48h) >1000 mg/L Daphnia Magna	-
Polyisobutylene 9003-27-4	-	LC50 (96h) >1000 mg/kg Fish (Trout)	-	-	-
White mineral oil, petroleum 8042-47-5	-	LC50: >10000mg/L (96h, Lepomis macrochirus)	-	LC50 (48h) >100 mg/l Daphnia magna	-
Distillates, petroleum, hydrotreated light paraffinic 64742-55-8	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)	-
2,6-Di-tert-butyl-p-cresol 128-37-0	EC50: >0.42mg/L (72h, Desmodesmus	LC50 (96h) > 0.57 mg/L (Danio rerio) EU Method C.1	-	>0.51 mg/l (Daphnia magna)	-

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	subspicatus) EC50: =6mg/L (72h, Pseudokirchneriella subcapitata)	LC0 (96h) >= EU Method C.1			
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12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information

White mineral oil, petroleum (8042-47-5)

2,6-Di-tert-butyl-p-cresol (128-37-0)

Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	28 days	4.5%	Not readily biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential No information available.

Chemical Name	Partition coefficient	Bioconcentration factor (BCF)
Limestone 1317-65-3	0.9	0
White mineral oil, petroleum 8042-47-5	6	-
2,6-Di-tert-butyl-p-cresol 128-37-0	5.1	598

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

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

Chemical Name	PBT and vPvB assessment
Carbonic acid, calcium salt (1:1) 471-34-1	The substance is not PBT / vPvB PBT assessment does not apply
White mineral oil, petroleum 8042-47-5	The substance is not PBT / vPvB PBT assessment does not apply
Distillates, petroleum, hydrotreated light paraffinic 64742-55-8	The substance is not PBT / vPvB
Titanium dioxide 13463-67-7	The substance is not PBT / vPvB PBT assessment does not apply
Calcium stearate 1592-23-0	The substance is not PBT / vPvB
2,6-Di-tert-butyl-p-cresol 128-37-0	The substance is not PBT / vPvB

12.6. Other adverse effects

Other Adverse Effects No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Waste from residues/unused products	Dispose of contents/ container to an approved landfill.
Contaminated packaging	Do not reuse empty containers. Handle contaminated packages in the same way as the product itself.
Other information	Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1 UN Number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

IMDG

14.1 UN Number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine Pollutant	Np
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

Air transport (ICAO-TI / IATA-DGR)

14.1 UN Number	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	None

Section 15: REGULATORY INFORMATION

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

European Union

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

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

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)

Chemical Name	CAS No.
Carbonic acid, calcium salt (1:1)	471-34-1
Limestone	1317-65-3
Polyisobutylene	9003-27-4
Distillates, petroleum, hydrotreated light paraffinic	64742-55-8
White mineral oil, petroleum	8042-47-5
Titanium dioxide	13463-67-7
Calcium stearate	1592-23-0
Epoxidised Soya Bean Oil	UNKNOWN

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Blue Pigment	UNKNOWN
2,6-Di-tert-butyl-p-cresol	128-37-0

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).

Chemical Name	CAS No.	Restricted substance per REACH Annex XVII
Carbonic acid, calcium salt (1:1)	471-34-1	
Limestone	1317-65-3	
Polyisobutylene	9003-27-4	
Distillates, petroleum, hydrotreated light paraffinic	64742-55-8	
White mineral oil, petroleum	8042-47-5	
Titanium dioxide	13463-67-7	
Calcium stearate	1592-23-0	
Epoxidised Soya Bean Oil	UNKNOWN	
Blue Pigment	UNKNOWN	
2,6-Di-tert-butyl-p-cresol	128-37-0	

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization

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

Chemical Name	CAS No.
Carbonic acid, calcium salt (1:1)	471-34-1
Limestone	1317-65-3
Polyisobutylene	9003-27-4
Distillates, petroleum, hydrotreated light paraffinic	64742-55-8
White mineral oil, petroleum	8042-47-5
Titanium dioxide	13463-67-7
Calcium stearate	1592-23-0
Epoxidised Soya Bean Oil	UNKNOWN
Blue Pigment	UNKNOWN
2,6-Di-tert-butyl-p-cresol	128-37-0

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

Not applicable

Persistent Organic Pollutants

Not applicable

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

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend SECTION 8: Exposure controls/personal protection

TWA TWA (time-weighted average)

Ceiling Maximum limit value

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure

STOT SE Specific target organ toxicity - Single exposure

STEL

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STEL (Short Term Exposure Limit)

Skin designation

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EWC: European Waste Catalogue

Key literature references and sources for data

Classification and labeling data calculated from data received from raw material suppliers

Prepared By Product Safety & Regulatory Affairs

Revision Date 21-Feb-2019

Indication of changes

Revision note SDS sections updated: 2.

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