

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

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

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

1.1. Product identifier

Product Name BOSTIK ALL PURPOSE CLEAR ADHESIVE

Other means of identification

Pure substance/mixture Mixture

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

Recommended use Adhesives

Uses advised against None known

1.3. Details of the supplier of the safety data sheet

<u>Company Name</u> <u>Supplier</u>

Bostik SA
Bostik Industries Limited
420 rue d'Estienne d'Orves
92700 Colombes
FRANCE
Tel: +33 (0)1 49 00 90 00

Bostik Industries Limited
Newtown, Swords
Co. Dublin Ireland
Tel: +353 (1) 8624900
Fax: +353 (1) 8402186

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

1.4. Emergency telephone number

Ireland NPIC - National Poison Information Centre

Members of the Public: +353 (01) 8092166 (8.00 am to 10.00 pm - 7 days a week)

Healthcare Professionals: +353 (01) 8092566 (24 hour service)

United Kingdom Bostik: +44 (1785) 272650 (9am to 5pm Mon-Fri)

Europe 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H336)
Category 3 Narcotic effects	
Chronic aquatic toxicity	Category 3 - (H412)
Flammable liquids	Category 2 - (H225)

2.2. Label elements

Contains Acetone; Methyl ethyl ketone

Ireland - BE Page 1 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3



Signal word

Danger

Hazard statements

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H412 - Harmful to aquatic life with long lasting effects

H225 - Highly flammable liquid and vapour

EU Specific Hazard Statements

EUH066 - Repeated exposure may cause skin dryness or cracking

EUH208 - Contains 1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-. May produce an allergic reaction

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

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P261 - Avoid breathing mist/vapours/spray

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves and eye/face protection

P312 - Call a POISON CENTER or doctor if you feel unwell

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

Additional information

This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

In use, may form flammable/explosive vapour-air mixture.

PBT & vPvB

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

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	EC No (EU Index No).	CAS No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-ter m)	REACH registration number
Acetone 40 - <80 %	200-662-2 (606-001-00-	67-64-1	Eye Irrit. 2 (H319) STOT SE 3 (H336) Flam. Lig. 2 (H225)	-	-	-	01-2119471330- 49-XXXX

Ireland - BE Page 2 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

			(EUH066)				
Methyl ethyl ketone	201-159-0	78-93-3	Eye Irrit. 2 (H319)	-	-	-	01-2119457290-
10 - <20 %	(606-002-00-		STOT SE 3 (H336)				43-XXXX
	3)		Flam. Liq. 2 (H225)				
			(EUH066)				
1,4-Benzenediol,	201-222-2	79-74-3	Acute Tox. 4 (H302)	-	-	10	01-2119539460-
2,5-bis(1,1-dimethylprop			Skin Sens. 1A (H317)				43-XXXX
yl)-			Aquatic Acute 1 (H400)				
0.05 - <0.1 %			Aquatic Chronic 1 (H410)				

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	EC No (EU Index No)	CAS No.	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	
Acetone	200-662-2 (606-001-00-8)	67-64-1	5800	-	-	-	-
Methyl ethyl ketone	201-159-0 (606-002-00-3)	78-93-3	-	-	-	-	-
1,4-Benzenediol, 2,5-bis(1,1-dimethylpro pyl)-	201-222-2	79-74-3	1900	-	-	-	-

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

4.1. Description of first aid measures

General advice 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 immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and

persists.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a doctor.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the

material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more

information. Avoid contact with skin, eyes or clothing.

Ireland - BE Page 3 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

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

Symptoms May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour

concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

vomiting.

Effects of Exposure No information available.

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

Note to doctors No information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Hazardous combustion products Carbon oxides.

5.3. Advice for firefighters

Special protective equipment and precautions 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 Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled

material.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or

spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A

vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later

Ireland - BE Page 4 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labelled containers.

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

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 Use personal protection equipment. Avoid breathing vapours or mists. Keep away from

heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should

not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face

protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from

heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the

particular national regulations. Store in accordance with local regulations.

Recommended storage

temperature

Keep at temperatures between 5 and 25 $^{\circ}\text{C}.$

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

Chemical name	European Union	Ireland	United Kingdom
Acetone	TWA: 500 ppm	TWA: 500 ppm	TWA: 500 ppm
67-64-1	TWA: 1210 mg/m ³	TWA: 1210 mg/m ³	TWA: 1210 mg/m ³
	_	STEL: 1500 ppm	STEL: 1500 ppm
		STEL: 3630 mg/m ³	STEL: 3620 mg/m ³
Methyl ethyl ketone	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm

Ireland - BE Page 5 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

78-93-3	TWA: 600 mg/m³ STEL: 300 ppm STEL: 900 mg/m³	TWA: 600 mg/m³ STEL: 300 ppm STEL: 900 mg/m³ Sk*	TWA: 600 mg/m³ STEL: 300 ppm STEL: 899 mg/m³ Sk*
Polyvinyl chloride 9002-86-2	-	TWA: 10 mg/m ³ TWA: 1 mg/m ³ STEL: 30 mg/m ³ STEL: 3 mg/m ³	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³

Derived No Effect Level (DNEL) No information available

Derived No Effect Level (DNI	EL)				
Acetone (67-64-1)					
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor		
Long term Systemic health effects worker	Dermal	186 mg/kg bw/d			
Short term Local health effects worker	Inhalation	2420 mg/m³			
Long term Systemic health effects worker	Inhalation	1210 mg/m³			

Methyl ethyl ketone (78-93-3)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
worker Long term Systemic health effects	Dermal	1161 mg/kg bw/d		
worker Long term Systemic health effects	Inhalation	600 mg/m³		

Derived No Effect Level (DNEL) Acetone (67-64-1)				
Consumer Long term Systemic health effects	Inhalation	200 mg/m³		
Consumer Long term Systemic health effects	Dermal	62 mg/kg bw/d		
Consumer Long term Systemic health effects	Oral	62 mg/kg bw/d		

Methyl ethyl ketone (78-93-3)				
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor	
Consumer Long term Systemic health effects	Dermal	412 mg/kg bw/d		
Consumer Long term Systemic health effects	Inhalation	106 mg/m³		
Consumer Local health effects	Oral	31 mg/kg bw/d		

Ireland - BE Page 6 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 **Revision Number** 3

Systemic health effects		

Predicted No Effect Concentration

(PNEC)

Predicted No Effect Concentration (PNEC)			
Acetone (67-64-1)			
Environmental compartment	Predicted No Effect Concentration (PNEC)		
Freshwater	10.6 mg/l		
Freshwater - intermittent	21 mg/l		
Marine water	1.06 mg/l		
Microorganisms in sewage treatment	100 mg/l		
Freshwater sediment	30.4 mg/kg dry weight		
Marine water	3.04 mg/kg dry weight		
Soil	29.5 mg/kg dry weight		

Methyl ethyl ketone (78-93-3)		
Environmental compartment	Predicted No Effect Concentration (PNEC)	
Freshwater	55.8 mg/l	
Marine water	55.8 mg/l	
Freshwater sediment	287.74 mg/l	
Marine sediment	287.7 mg/l	
Soil	22.5 mg/l	

8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas. Vapours/aerosols must be

exhausted directly at the point of origin.

Personal protective equipment

Eye/face protection Tight sealing safety goggles. Face protection shield. Eye protection must conform to

standard EN 166

Hand protection Wear protective gloves. The breakthrough time of the gloves depends on the material

and the thickness as well as the temperature.

Skin and body protection Respiratory protection

Suitable protective clothing.

In case of inadequate ventilation wear respiratory protection. In case of mist, spray or

aerosol exposure wear suitable personal respiratory protection and protective suit.

Organic gases and vapours filter conforming to EN 14387. Recommended filter type:

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid Liquid **Appearance** Colour Colourless Odour Solvent.

Remarks • Method **Property** <u>Values</u>

Melting point / freezing point No data available None known 56 °C

Initial boiling point and boiling

range No data available **Flammability**

Flammable liquid None known

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Flash point -20 °C

Autoignition temperature No data available None known

Ireland - BE Page 7 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

Decomposition temperatureNone known

pH No data available Not applicable. Insoluble in water.

pH (as aqueous solution)
No data available
None known
No data available
None known

Dynamic viscosity

Water solubility

No data available Insoluble in water.

Solubility(ies)No data availableNone knownPartition coefficientNo data availableNone knownVapour pressure<110 kPa</th>None knownRelative densityNo data availableNone known

Bulk density

Density

No data available

No data available

Relative vapour density No data available None known

Particle characteristics

Particle Size No information available Particle Size Distribution No information available

9.2. Other information

Solid content (%) No information available

VOC content No data available

9.2.1. Information with regards to physical hazard classes

Not applicable

9.2.2. Other safety characteristics

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.

impact

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materialsNone known based on information supplied.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

Ireland - BE Page 8 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract. May cause drowsiness or dizziness.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye

irritation. (based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Prolonged contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes. Inhalation of high vapour concentrations

may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

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

ATEmix (oral) >2000 mg/kg
ATEmix (dermal) >2000 mg/kg
ATEmix (inhalation-gas) >20000 ppm
ATEmix (inhalation-dust/mist) >5 mg/l
ATEmix (inhalation-vapour) >20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Acetone	=5800 mg/kg (Rattus) 3000 mg/Kg (mouse)	>15800 mg/Kg (Rattus)	=79 mg/l(Rattus) 4 h
Methyl ethyl ketone	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus cuniculus)	=11700 ppm (Rattus) 4 h
1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-	=2 g/kg (Rattus)	> 3160 mg/kg (Rabbit)	-

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 Classification based on data available for ingredients. Causes serious eye irritation.

Acetone (67-64-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	eye			irritant
Acute Eye					
Irritation/Corrosion					

Methyl ethyl ketone (78-93-3)

Ireland - BE Page 9 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	eye			irritant
Acute Eye					
Irritation/Corrosion					

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 May cause drowsiness or dizziness.

STOT - repeated exposureBased 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 Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic	Fish	Toxicity to	Crustacea	M-Factor	M-Factor
	plants		microorganisms			(long-term)
Acetone	-	LC50 96 h 4.74	EC50 = 14500	EC50 48 h		
67-64-1		- 6.33 mL/L	mg/L 15 min	10294 - 17704		
		(Oncorhynchus		mg/L (Daphnia		
		mykiss)		magna Static)		
Methyl ethyl ketone	EC50=1972 mg/l	LC50: 3130 -	EC50 = 3403	EC50 48 h > 308		
78-93-3	(Pseudokirchner	3320mg/L (96h,	mg/L 30 min	mg/L (Daphnia		
	iella subcapitata)	Pimephales	EC50 = 3426	magna)		
		promelas)	mg/L 5 min			
1,4-Benzenediol,	CE50 (72h) 1.2 -	CL50 (96h)	-	CE50 (48h) 0.91		10
2,5-bis(1,1-dimethylpro	1.7 mg/L Algae	0.013 mg/L		Daphnia		
pyl)-		(Lepomis		(Daphnia		
79-74-3		machrochirus)		Magna)		

12.2. Persistence and degradability

Ireland - BE Page 10 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

Persistence and degradability

No information available.

Acetone (67-64-1)

Method	Exposure time	Value	Results
OECD Test No. 301B: Ready	28 days	biodegradation	91 % Readily biodegradable
Biodegradability: CO2 Evolution Test			
(TG 301 B)			

Methyl ethyl ketone (78-93-3)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready	28 days	biodegradation	98 % Readily biodegradable
Biodegradability: Closed Bottle Test			
(TG 301 D)			

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

Chemical name		Partition coefficient
	Acetone	-0.24
	Methyl ethyl ketone	0.3
	1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-	2.1

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 above the

threshold of declaration.

Chemical name	PBT and vPvB assessment
Acetone	The substance is not PBT / vPvB
Methyl ethyl ketone	The substance is not PBT / vPvB
1,4-Benzenediol, 2,5-bis(1,1-dimethylpropyl)-	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or

weld containers.

European Waste Catalogue

08 04 09* waste adhesives and sealants containing organic solvents or other dangerous

substances

15 01 10*: Packaging containing residues of or contaminated by dangerous substances

Ireland - BE Page 11 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

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: The shipping descriptions shown here are for bulk shipments only, and may not apply to

shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

Land transport (ADR/RID)

14.1 UN number or ID number UN1133

14.2 UN proper shipping name Adhesives **14.3 Transport hazard class(es)** 3

Labels 3
14.4 Packing group ||

Description UN1133, Adhesives, 3, II, (D/E)

14.5 Environmental hazards No

14.6 Special precautions for user

Special Provisions 640D
Classification code F1
Tunnel restriction code (D/E)
Limited quantity (LQ) 5 L
ADR Hazard Id (Kemmler 33

Number)

IMDG

14.1 UN number or ID number UN1133 **14.2 UN proper shipping name** Adhesives

14.3 Transport hazard class(es) 314.4 Packing group

Description UN1133, Adhesives, 3, II, (-20°C c.c.)

14.5 Marine pollutant NP

14.6 Special precautions for user

Special Provisions None
Limited Quantity (LQ) 5 L
EmS-No. F-E, S-D

14.7 Maritime transport in bulk according to IMO instruments

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 number14.2 UN proper shipping nameUN 133Adhesives

14.3 Transport hazard class(es) 314.4 Packing group | |

Description UN1133, Adhesives, 3, II

14.5 Environmental hazards No
14.6 Special precautions for user
Special Provisions A3
Limited quantity (LQ) 1 L
ERG Code 3L

Section 15: REGULATORY INFORMATION

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

European Union

Ireland - BE Page 12 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 **Revision Number** 3

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, Authorisation, 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)

Export Notification requirements

This product does not contain substances which are regulated pursuant to Regulation (EC) No. 649/2012 of the European parliament and of the council concerning the export and import of dangerous chemicals above the level that triggers a labeling obligation under Regulation (EC) No 1272/2008. Therefore this product is not subject to prior informed consent notification.

Dangerous substance category per Seveso Directive (2012/18/EU)

P5a - FLAMMABLE LIQUIDS

P5b - FLAMMABLE LIQUIDS

P5c - FLAMMABLE LIQUIDS

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

Not applicable

Persistent Organic Pollutants

Not applicable

REGULATION (EU) 2019/1148 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019 on the

marketing and use of explosives precursors
This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point. This product contains:

Chemical name	Reporting of suspicious transactions, disappearances and thefts	Restricted	Registration
Acetone - 67-64-1	Regulated		

National regulations

15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. Chemical Safety Assessment has been carried out for this mixture

Ireland - BE Page 13 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

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

H225 - Highly flammable liquid and vapour

H302 - Harmful if swallowed

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

SVHC: Substances of Very High Concern for Authorisation:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT RE: Specific target organ toxicity - Repeated exposure

STOT SE: Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

LOW: List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm)

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IATA: International Air Transport Association

ICAO: ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG: International Maritime Dangerous Goods

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

Legend SECTION 8: Exposure controls/personal protection

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

AGW Occupational exposure limit value BGW Biological limit value Ceiling Maximum limit value Sk* Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

European Food Safety Authority (EFSA)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA API)

Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Ireland - BE Page 14 / 15

BOSTIK ALL PURPOSE CLEAR ADHESIVE

Supercedes date 09-Nov-2022

Revision date 02-Jul-2024 Revision Number 3

NIOSH (National Institute for Occupational Safety and Health)

Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme

Organisation for Economic Co-operation and Development Screening Information Data Set

Prepared By Product Safety & Regulatory Affairs

Revision date 02-Jul-2024

Revision note SDS sections updated 2

Training Advice Provide adequate information, instruction, and training for operator

Further information No information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

Disclaimer

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End of Safety Data Sheet

Ireland - BE Page 15 / 15