

This safety data sheet was created pursuant to the requirements of: GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

LEATHER GLUE 20ML Revision Number 1.01 Revision date 14-May-2024 Supersedes Date: 09-Jul-2023

Section 1: Identification

Product identifier

Product Name LEATHER GLUE 20ML

Other means of identification

Recommended use of the chemical and restrictions on use

Adhesives

Recommended use

Uses advised against

Details of the supplier of the safety data sheet

Supplier

Bostik New Zealand Limited 19 Eastern Hutt Road Wingate, Lower Hutt, New Zealand Tel: 04-567 5119 Fax: 04-567 5412

E-mail address

SDS.AP@Bostik.com

No information available

Emergency telephone number

Emergency Telephone

24 Hr: 0800 243 622 International +64 4 917 9888 Poison Centre : 0800 764 766

Section 2: Hazard identification

GHS Classification

Flammable liquids	Category 2
Serious eye damage/eye irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3

Label elements



Signal word Danger

Hazard statements

H225 - Highly flammable liquid and vapor H319 - Causes serious eye irritation H336 - May cause drowsiness or dizziness

LEATHER GLUE 20ML Revision Number 1.01

Precautionary Statements - Prevention Wash face, hands and any exposed skin thoroughly after handling Avoid breathing dust/fume/gas/mist/vapors/spray Use only outdoors or in a well-ventilated area Ground and bond container and receiving equipment Use non-sparking tools Take action to prevent static discharges Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container tightly closed Wear protective gloves/clothing and eye/face protection Keep cool Use explosion-proof electrical/ventilating/lighting/equipment Eves IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention Skin IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower] Inhalation IF INHALED: Remove person to fresh air and keep comfortable for breathing Call a POISON CENTER or doctor if you feel unwell Fire In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish **Precautionary Statements - Storage** Store in a well-ventilated place. Keep container tightly closed Store locked up **Precautionary Statements - Disposal** Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

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

Section 3: Composition/information on ingredients

Chemical name	CAS No.	Weight-%
Methyl acetate	79-20-9	30 - 60
Acetone	67-64-1	30 - 60
Methyl ethyl ketone	78-93-3	10 - <30

	Non-hazardous ingredients	Proprietary	Balance
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Section 4: First-aid measures

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 physician.

LEATHER GLUE 20ML Revision Number 1.01	Revision date 14-May-2024 Supersedes Date: 09-Jul-2023
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.
Most important symptoms and ef	fects, both acute and delayed
Symptoms	May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

-)	concentrations may cause symptoms like headache, dizziness, tiredness, naus
	vomiting.

Effects of Exposure No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: Fire-fighting measures		
Hazchem code	•3YE	
Suitable Extinguishing Media		
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.	
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.	
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.	
Specific hazards arising from the chemical		
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.	
Special protective actions for fire-fighters		
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.	
Section 6: Accidental release measures		

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.
For emergency responders	Use personal protection recommended in Section 8.
Environmental precautions	
Environmental precautions	Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or

LEATHER GLUE 20ML	Revision date 14-May-2024
Revision Number 1.01	Supersedes Date: 09-Jul-2023

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

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 vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later 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 labeled containers.
Precautions to prevent secondary hazards	

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

Section 7: Handling and storage		
Precautions for safe handling		
Advice on safe handling	Use personal protection equipment. Avoid breathing vapors 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.	
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 labeled 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 41 and 77 °F / 5 and 25 °C.	
Incompatible materials	None known based on information supplied.	

Section 8: Exposure controls/personal protection

Control parameters

Exposure Limits

Chemical name	New Zealand	ACGIH TLV	United Kingdom	Australia
Methyl acetate	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm	TWA: 200 ppm
79-20-9	TWA: 606 mg/m ³	STEL: 250 ppm	TWA: 616 mg/m ³	TWA: 606 mg/m ³
	STEL: 250 ppm		STEL: 250 ppm	STEL: 250 ppm
	STEL: 757 mg/m ³		STEL: 770 mg/m ³	STEL: 757 mg/m ³
Acetone	TWA: 500 ppm	TWA: 250 ppm	TWA: 500 ppm	TWA: 500 ppm
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LEATHER GLUE 20ML Revision Number 1.01

Revision date 14-May-2024 Supersedes Date: 09-Jul-2023

67-64-1	TWA: 1185 mg/m ³	STEL: 500 ppm	TWA: 1210 mg/m ³	TWA: 1185 mg/m ³
	STEL: 1000 ppm		STEL: 1500 ppm	STEL: 1000 ppm
	STEL: 2375 mg/m ³		STEL: 3620 mg/m ³	STEL: 2375 mg/m ³
Methyl ethyl ketone	TWA: 150 ppm	TWA: 75 ppm	TWA: 200 ppm	TWA: 150 ppm
78-93-3	TWA: 445 mg/m ³	STEL: 150 ppm	TWA: 600 mg/m ³	TWA: 445 mg/m ³
	STEL: 300 ppm	Sk*	STEL: 300 ppm	STEL: 300 ppm
	STEL: 890 mg/m ³		STEL: 899 mg/m ³	STEL: 890 mg/m ³
			Sk*	, j

Biological occupational exposure limits

Chemical name	New Zealand	ACGIH
Acetone	50 mg/L - urine (Acetone) - end of shift	25 mg/L - urine (Acetone) - end of shift
67-64-1		-
Methyl ethyl ketone	2 mg/L - urine (MEK) - end of shift	2 mg/L - urine (MEK) - end of shift
78-93-3		

Appropriate engineering controls

Engineering controls	Showers
	Eyewash stations
	Ventilation systems.

Individual protection measures, such as personal protective equipment		
Eye/face protection	Tight sealing safety goggles.	
Hand protection	Wear suitable gloves. Impervious gloves.	
Skin and body protection	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.	
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.	
Environmental exposure controls	No information available.	

Section 9: Physical and chemical properties

Information on basic physical and	chemical properties_	
Physical state	Liquid	
Appearance	Liquid	
Color	Clear to light yellow	
Odor	Characteristic.	
Odor threshold	No information available	
D	Mat and	Develop Mithed
Property	<u>Values</u>	Remarks • Method
рН	No data available	Not applicable Insoluble in water
Melting point / freezing point	No data available	None known
Initial boiling point and boiling	56 °C	(based on components) Methyl acetate
range		
Flash point	-13 °C	(based on components) Methyl acetate
Evaporation rate	No data available	None known
Flammability	No data available	Flammable liquid
Flammability Limit in Air		None known
Upper flammability or explosive	No data available	
limits		
Lower flammability or explosive	No data available	
limits		
Vapor pressure	<110 kPa	None known
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LEATHER GLUE 20ML Revision Number 1.01

Relative vapor density Relative density Water solubility Solubility(ies) Partition coefficient Autoignition temperature Decomposition temperature Kinematic viscosity Dynamic viscosity Explosive properties Oxidizing properties

Other information Softening point Molecular weight VOC content Liquid Density Bulk density Particle characteristics No data available 0.9 Insoluble in water No data available No data available No data available

No data available 2600 - 3000 mPa s No information available. No information available.

No information available None known None known None known None known None known None known

Section 10: Stability and reactivity

Reactivity	
Reactivity	No information available.
Chemical stability	
Stability	Stable under normal conditions.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Yes.
Possibility of hazardous reactions	
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	
Incompatible materials	None known based on information supplied.
Hazardous decomposition product	<u>s</u>
Hazardous decomposition products	None known based on information supplied.
Section 11: Toxicological inf	ormation
Acute toxicity	

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.

Revision date 14-May-2024 Supersedes Date: 09-Jul-2023

LEATHER GLUE 20ML	Revision date 14-May-2024
Revision Number 1.01	Supersedes Date: 09-Jul-2023

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 diarrhea.
Symptoms	May cause redness and tearing of the eyes. Inhalation of high vapor 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)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-vapor)	>20 mg/l
ATEmix (inhalation-dust/mist)	>5 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl acetate	>5 g/kg (Rattus)	> 5 g/kg (Oryctolagus cuniculus)	>49000 mg/m ³ (Rattus) 4 h
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

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.

Component Information 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)

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

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

Germ cell mutagenicity

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

Carcinogenicity

No information available.

Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	May cause drowsiness or dizziness.
Narcotic effects	Narcotic effects.
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

Ecotoxicity

Ecotoxicity

Aquatic ecotoxicity

Unknown aquatic toxicity

0 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Methyl acetate	EC50: >120mg/L (72h,		EC50: =1026.7mg/L (48h, Daphnia
-	Desmodesmus subspicatus)	Pimephales promelas) LC50: 250 -	magna)
		350mg/L (96h, Brachydanio rerio)	
Acetone	-	LC50 96 h 4.74 - 6.33 mL/L	EC50 48 h 10294 - 17704 mg/L
		(Oncorhynchus mykiss)	(Daphnia magna Static)
Methyl ethyl ketone	EC50=1972 mg/l	LC50: 3130 - 3320mg/L (96h,	EC50 48 h > 308 mg/L (Daphnia
	(Pseudokirchneriella subcapitata)	Pimephales promelas)	magna)

Terrestrial ecotoxicity

Chemical name	Earthworm	Avian	Honeybees
Acetone	Acute Toxicity: LC50 200 -		-
	1000 µg/cm2 (Eisenia foetida,	40000 ppm (Phasianus	
	48 h filter paper)	colchicus, 5 Days)	
	Dietary Toxicity: LC50 >		
		40000 ppm (Coturnix coturnix	
		japonica, 5 Days)	

Persistence and degradability

No information available.

Bioaccumulative potential Bioaccumulation Component Information

Chemical name	Partition coefficient
Methyl acetate	0.18
Acetone	-0.24
Methyl ethyl ketone	0.3

Mobility in soil Mobility

No information available.

Other adverse effects

LEATHER GLUE 20ML Revision Number 1.01

Revision date 14-May-2024 Supersedes Date: 09-Jul-2023

No information available.

Section 13: Disposal considerations

Disposal methods

Waste from residues/unused products	Dispose of product in packaging in a way that is consistent with the EPA Consolidation 30 April 2021 of the Hazardous Substances (Disposal) Notice 2017 and the Act. Treat the substance using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance; or export the substance from New Zealand as waste. Flammable substances - may not be disposed of into or onto a landfill or sewage facility. They may only be burnt in certain situations. Flammable gases, liquids and solids may only be discharged into the environment or landfill as waste if the substance will not at any time come into contact with any explosives, oxidising gases, liquids or solids or organic peroxides; and there will be no ignition source in the vicinity of the disposal site at any time and if the substance were to ignite, no person, or place where a person may legally be, would be exposed to an unsafe level of heat radiation. Substances which are hazardous to human health or corrosive to metals – may be discharged into the environment if a tolerable exposure limit has been set for the substance (or a component of that substance); and the discharge does not, after reasonable mixing, result in the concentration of the substance in an environmental medium exceeding the tolerable exposure limit. If there is no tolerable exposure limit for the substance, then it may only be discharged into the environment if the substance is very rapidly converted to substances that are not hazardous substances.
Contaminated packaging	For packages that have been in direct contact with hazardous substances, the person must ensure that the package is rendered incapable of containing any substance. It must be disposed of in a manner that is consistent with the requirements for disposal of the substance that it contained, taking into account the material the package is manufactured from. Packages may only be reused or recycled if: - the substance has a physical hazard other than corrosive to metal, and has been treated to remove any residual contents of the hazardous substance; - or for substances that have a health or environmental hazard, or corrosive to metal, the contents of the residue in the package are below the threshold for the substance to be classified as hazardous in the Hazardous Substances (Hazard Classification) Notice 2020.

Section 14: Transport information

Hazchem code	•3YE
IATA UN number or ID number UN proper shipping name Transport hazard class(es) Packing group Special Provisions Description	UN1133 Adhesives 3 II A3 UN1133, Adhesives, 3, II
IMDG UN number or ID number UN proper shipping name Transport hazard class(es) Packing group EmS-No. Marine pollutant Description	UN1133 Adhesives 3 II F-E, S-D NP UN1133, Adhesives, 3, II, (-13°C c.c.)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

LEATHER GLUE 20ML Revision Number 1.01

No information available

ADR

UN number or ID number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Labels	3
Packing group	II
Description	UN1133, Adhesives, 3, II, (D/E)
Environmental hazards	No
Limited quantity (LQ)	5 L
Special Provisions	640D
Classification code	F1
Tunnel restriction code	(D/E)

Section 15: Regulatory information

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

EPA New Zealand HSNO approval code or group standard	HSR002662 - Surface Coatings and Colourants (Flammable)
National regulations	There are no applicable tolerable exposure limits or environmental exposure limits according to the EPA Controls for Hazardous Substances
Certified handlers, tracking and controlled substance license requirements	Certified handlers are required for some substances. This includes substances requiring a controlled substance license, and most explosives, vertebrates toxic agents, and certain fumigants. Acutely toxic substances which are a Category 1 or 2, such as pesticides also require Certified handlers. Please check the Health and Safety at Work Act 2015 for further information Tracking is required for some highly hazardous substances. These substances need to be under the control of an appropriately trained person or appropriately secured. Please check the Health and Safety at Work Act 2015 for further information Controlled substance licenses are required to possess certain explosives, vertebrate toxic agents and fumigants. See Part 7 of the Health and Safety at Work Regulation 2017 for more information

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

Europe

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

SVHC: Substances of Very High Concern for Authorization:

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 16: Other information

Revision date Revision Note 14-May-2024

***Indicates updated data since last publication.

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

LEATHER GLUE 20ML Revision Number 1.01

PBT: Persistent, vPvB: Very Pers	I Concentration		
Legend Section TWA Ceiling ** C	n 8: EXPOSURE CONTROLS/PERSONAL TWA (time-weighted average) Maximum limit value Hazard Designation Carcinogen	PROTECTION STEL Sk* +	STEL (Short Term Exposure Limit) Skin designation Sensitizers
Agency for Toxic U.S. Environment European Food S Environmental Pr Acute Exposure (U.S. Environment Food Research J Hazardous Subst International Unif National Institute Australia National NIOSH (National National Library of National Library of U.S. National Tox New Zealand's C Organization for F	Guideline Level(s) (AEGL(s)) tal Protection Agency Federal Insecticide, Fu tal Protection Agency High Production Volur ournal cance Database orm Chemical Information Database (IUCLIE of Technology and Evaluation (NITE) I Industrial Chemicals Notification and Asses Institute for Occupational Safety and Health of Medicine's ChemID Plus (NLM CIP) of Medicine's PubMed database (NLM PUBM kicology Program (NTP) hemical Classification and Information Database Economic Co-operation and Development Hi Economic Co-operation and Development Hi	ungicide, and Rode ne Chemicals D) ssment Scheme (NI) MED) pase (CCID) nvironment, Health, igh Production Volu	ICNAS) , and Safety Publications ume Chemicals Program
the date of its pu		ned only as a guid	our knowledge, information and belief at dance for safe handling, use, processing,

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