

BizLine Blue PVC Jointing Cement Revision Number 1

Revision date 10-Jul-2024 Supersedes date 10-Jul-2024

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name Bizline Blue PVC Jointing Cement

Product Code(s)

BIZ400270 Blue PVC Jointing Cement 125 mL
BIZ400271 Blue PVC Jointing Cement 250 mL
BIZ400272 Blue PVC Jointing Cement 500 mL

Other means of identification

Proper shipping name Adhesives

UN number or ID number UN1133

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Adhesives and/or sealants

Uses advised against Consumer use.

Details of manufacturer or importer

Supplier

Rexel Australia Level 2, Building 1/3 Richardson Place, North Ryde NSW 2113 Australia

Tel: +612 (02) 9887 6222

ABN: 42 000 437 838

Emergency telephone number

Emergency telephone number Poisons Information Centre, Australia: 13 11 26

Section 2: Hazard(s) identification

GHS Classification

Flammable liquids	Category 2 - (H225)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Specific target organ toxicity (single exposure)	Category 3 - (H335, H336)

Label elements

Flame Exclamation mark Corrosion

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Signal word DANGER

Hazard statements

H225 - Highly flammable liquid and vapor

H315 - Causes skin irritation

H318 - Causes serious eye damage

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

Repeated exposure may cause skin dryness or cracking

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

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor

IF ON SKIN: Wash with plenty of water and soap

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor if you feel unwell

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

Precautionary Statements - Storage

Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards which do not result in classification

May be harmful in contact with skin.

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

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number

Label requirements in accordance with SUSMP

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Section 3: Composition and information on ingredients, in accordance with Schedule 8

Substance

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Not applicable

Mixture

Chemical name	CAS No.	Weight-%
Methyl ethyl ketone	78-93-3	15 - 40
Cyclohexanone	108-94-1	10 - 30
Acetone	67-64-1	10 - 30
bis-[4-(2,3-epoxipropoxi)phenyl]propane	1675-54-3	0.1 - 1
Non-hazardous ingredients	Proprietary	Balance

Section 4: First aid measures

Emergency telephone number Poisons Information Center, Australia: 13 11 26

Poisons Information Center, New Zealand: 0800 764 766

Description of first aid measures

General advice Immediate medical attention is required. Show this safety data sheet to the doctor in

attendance.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur. 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. Get immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

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

clothes and shoes. Get medical attention if irritation develops and persists.

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

vomiting. Call a physician.

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 effects, both acute and delayed

Symptoms Burning sensation. Inhalation of high vapor concentrations may cause symptoms like

headache, dizziness, tiredness, nausea and vomiting.

Indication of any immediate medical attention and special treatment needed

Section 5: Firefighting measures

Suitable Extinguishing Media

Suitable extinguishing media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

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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. Carbon dioxide (CO2). Hydrogen chloride. Hydrochloric Acid.

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. Use personal protection equipment.

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.

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.

Methods and material for containment and cleaning up

Methods for containmentStop 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, including how the chemical may be safely used

Precautions for safe handling

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. Take off contaminated clothing and wash before reuse. 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

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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. Store locked

up. Keep out of the reach of children.

Recommended storage

temperature

Keep at temperatures between $\,$ 41 and 77 °F / 5 and 25 °C.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

This material is a scheduled poison and must be stored, maintained and used in accordance with the relevant regulations

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	Australia
Methyl ethyl ketone	TWA: 150 ppm
78-93-3	TWA: 445 mg/m ³
	STEL: 300 ppm
	STEL: 890 mg/m ³
Cyclohexanone	TWA: 25 ppm
108-94-1	TWA: 100 mg/m ³
Acetone	TWA: 500 ppm
67-64-1	TWA: 1185 mg/m ³
	STEL: 1000 ppm
	STEL: 2375 mg/m ³

OEL as published by Safe Work Australia

Biological occupational exposure limits

Appropriate engineering controls

Engineering controls Showers, eyewash stations, and ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Skin and body protectionWear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Antistatic boots.

Hand protection Wear suitable gloves. Impervious gloves.

Respiratory protection Organic gases and vapors filter conforming to EN 14387.

Environmental exposure controls No information available.

Section 9: Physical and chemical properties

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Information on basic physical and chemical properties

Physical stateLiquidAppearanceLiquidColorBlueOdorKetone

Odor threshold No information available

Property Values Remarks • Method

pH No data available Not applicable Insoluble in waterpH (as aqueous solution) No data available

Melting point / freezing point No data available

Initial boiling point and boiling 56 °C

range

Flash point -4 °C (Methyl ethyl ketone)

Evaporation rateNo data available

Flammability
No data available
Flammable liquid

Flammability Limit in Air

Upper flammability or explosive 11.5

limits

Lower flammability or explosive 1.8

limits

Vapor pressure <110 kPa @ 20 °C

Relative vapor density > 1 Relative density 0.94

Water solubilityInsoluble in waterSolubility(ies)No data availablePartition coefficientNo data available

Autoignition temperature 515 °C

Decomposition temperatureNo data availableKinematic viscosityNo data availableDynamic viscosity600 900 mPa sExplosive propertiesNo information availableOxidizing propertiesNo information available

Other information

Solid content (%)

No information available
Liquid Density

No information available

VOC content 732 g/L

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical None.

mpact

Sensitivity to static discharge Yes.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

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Conditions to avoid Heat, flames and sparks.

Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Incompatible materials

Hazardous decomposition products

Hazardous decomposition Carbon oxides. Nitrogen oxides (NOx). Thermal decomposition can lead to release of

products irritating and toxic gases and vapors.

Section 11: TOXICOLOGICAL INFORMATION

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.

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

damage. May cause irreversible damage to eyes.

Skin contact Specific test data for the substance or mixture is not available. Causes skin irritation.

(based on components).

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

gastrointestinal irritation, nausea, vomiting and diarrhea.

Redness. Burning. May cause blindness. May cause redness and tearing of the eyes. **Symptoms**

Inhalation of high vapor concentrations may cause symptoms like headache, dizziness,

tiredness, nausea and vomiting.

Numerical measures of toxicity - Product Information

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

ATEmix (oral) 6,049.40 ATEmix (dermal) 4,335.00 >20000 ATEmix (inhalation-gas) ATEmix (inhalation-vapor) 43.40 ATEmix (inhalation-dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Methyl ethyl ketone	=2483 mg/kg (Rattus)	= 5000 mg/kg (Oryctolagus cuniculus)	=11700 ppm (Rattus) 4 h
Cyclohexanone	=1535 mg/kg (Rattus)	= 947 mg/kg (Oryctolagus cuniculus)	=8000 ppm (Rattus) 4 h
Acetone	=5800 mg/kg (Rattus) 3000 mg/Kg (mouse)	>15800 mg/Kg (Rattus)	=79 mg/l(Rattus) 4 h
bis-[4-(2,3-epoxipropoxi)phenyl]propane	=11300 μL/kg (Rattus)	LD50 >2000 mg/Kg (Rattus)	-

See section 16 for terms and abbreviations

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

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation.

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Serious eye damage/eye irritation Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

Component Information					
Methyl ethyl ketone (78-9	93-3)				
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	eye			irritant
Acute Eye					
Irritation/Corrosion					

Acetone (67-64-1)					
Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD Test No. 405:	Rabbit	eye			irritant
Acute Eye		-			
Irritation/Corrosion					

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
Cyclohexanone			Group 3
108-94-1			
bis-[4-(2,3-epoxipropoxi)phenyl]prop			Group 3
ane			
1675-54-3			

Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

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

STOT - single exposure May cause respiratory irritation. 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.

Section 12: Ecological information

Ecotoxicity

Aquatic ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methyl ethyl ketone	EC50=1972 mg/l	LC50: 3130 - 3320mg/L		EC50 48 h > 308 mg/L
78-93-3	(Pseudokirchneriella	(96h, Pimephales	min	(Daphnia magna)

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	subcapitata)	promelas)	EC50 = 3426 mg/L 5 min	
Cyclohexanone	EC50: =20mg/L (96h,	LC50 96 h 481 - 578	EC50 = 18.5 mg/L 5 min	EC50: =800mg/L (24h,
108-94-1	Chlorella vulgaris)	mg/L (Pimephales	EC50 = 21.3 mg/L 10	Daphnia magna)
		promelas flow-through)	min	
		-	EC50 = 25 mg/L 5 min	
Acetone	-	LC50 96 h 4.74 - 6.33	EC50 = 14500 mg/L 15	EC50 48 h 10294 -
67-64-1		mL/L (Oncorhynchus	min	17704 mg/L (Daphnia
		mykiss)		magna Static)
bis-[4-(2,3-epoxipropoxi)	EC50 (72h) = 9.4 mg/L	1.5 mg/l 96Hr	-	LD50 (48h) =2.7 mg/L
phenyl]propane	(Scenedesmus	(Oncorhynchus mykiss)		(Daphnia magna)
1675-54-3	capricornutum)	(OECD 203)		(OECD 202)
	EPA-660/3-75-009	,		•

Persistence and degradability

Persistence and degradability No information available.

Component Information 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)			

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)			

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Methyl ethyl ketone	0.3
78-93-3	
Cyclohexanone	0.86
108-94-1	
Acetone	-0.24
67-64-1	
bis-[4-(2,3-epoxipropoxi)phenyl]propane	3.78
1675-54-3	

Mobility

Mobility in soilNo information available.MobilityNo information available.

Other adverse effects

Other adverse effects No information available.

Section 13: Disposal considerations

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Disposal 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.

Section 14: Transport information

ADG

UN number or ID number UN1133 UN proper shipping name Adhesives

Transport hazard class(es) 3
Packing group II
Environmental hazard No
Limited quantity (LQ) 5 L

Description UN1133, Adhesives, 3, II

Hazchem code •3YE

IATA

UN number or ID number
Transport hazard class(es)
Packing group
II
ERG Code
Special Provisions
Limited quantity (LQ)
UN1133
3
UN1133
3
LIMITED ASSIGNATION SASSIGNATION SASSIG

Description UN1133, Adhesives, 3, II

IMDG

UN number or ID number
Transport hazard class(es)
Packing group
II
EmS-No.
F-E, S-D
Limited Quantity (LQ)
Marine pollutant
UN1133
3
F-E, S-D
II
NP

Description UN1133, Adhesives, 3, II, (-4°C c.c.)

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

No information available

Section 15: Regulatory information

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

National regulations

Australia

See section 8 for national exposure control parameters

Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poison Schedule Number 5

Illicit Drug Precursors/Reagents

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

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Major hazard (accident/incident planning) regulation

Verify that license requirements are met

Hazardous chemical

Liquids that meet the criteria for Class 3 Packing Group II or III Liquids with flash points <61°C kept above their boiling points at ambient conditions

Threshold quantity (T)
50 000
200

National pollutant inventory

Subject to reporting requirement

Chemical name	National pollutant inventory
Methyl ethyl ketone 78-93-3	10 tonne/yr Threshold category 1
Cyclohexanone 108-94-1	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total
Acetone 67-64-1	10 tonne/yr Threshold category 1

International Inventories

AIIC Complies
NZIOC Complies
ENCS Complies
IECSC Complies
KECI Complies
PICCS Complies

Legend:

AllC - Australian Inventory of Industrial Chemicals
NZIOC - New Zealand Inventory of Chemicals

ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

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)

Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB),

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Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

Section 16: Any other relevant information

Prepared By Product Safety & Regulatory Affairs

Revision date 10-Jul-2024

Revision Note

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

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Ceiling Maximum limit value Sk* Skin designation

C Carcinogen

Section 11: TOXICOLOGICAL INFORMATION

LD50 (lethal dose)

Section 12: Ecological information

EC50 (effective concentration)

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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^{***}Indicates updated data since last publication.