



EpiBOND BA90 Contact Adhesive

Safety Data Sheet

Date: June 2026

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product:

Product Name:	EpiBOND BA90 Contact Adhesive
Other Names:	N/A
Product Code:	EBBA90
HSNO Approval:	HSR002662
Approval Description:	Surface Coatings and Colorants (Flammable) Group Standard 2020
UN Number:	UN1133
Proper Shipping Name:	ADHESIVE
DG Class:	3
Packing Group:	II
Hazchem Code:	3YE
Uses:	Contact Adhesive

Company Details:

Company:	Sealco Limited
Address:	Unit 5, 18 Taurus Pl, Bromley, Christchurch PO Box 35-190, Shirley, Christchurch
Telephone:	03 366 9495, 0508 292 837
Website:	www.sealco.co.nz

Emergency Number:	National Poisons Centre 0800 764 766
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SECTION 2 – HAZARDS IDENTIFICATION

Approval:

This product has been approved under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR00262, Surface Coatings and Colorants (Flammable) Group Standard 2020. The substance has been classified as hazardous according to the criteria in the Hazardous substances (Hazard Classification) Notice 2020.

GH7 Classes:

Flammable liquid category 2
Germ Cell Mutagenicity - Category 1B
Carcinogenicity - Category 1A
Reproductive Toxicity - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2
Aspiration Hazard - Category 1

Hazard Statements:

H225 - Highly flammable liquid & vapour
H340 - May cause genetic defects
H350 - May cause cancer
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H304 - May be fatal if swallowed and enters the airways

Aquatic Chronic 2
Acute Toxicity (Oral) - Category 4
Skin Irritation - Category 2
Eye Irritation - Category 2A
Specific Target Organ Toxicity - Single Exposure - Category 3
Aquatic Acute 3

H411 - Toxic to aquatic life with long-lasting effects
H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H402 - Harmful to aquatic life

DANGER Symbols



Other Classifications:

There are no other classifications that are known to apply

Precautionary Statements:

Prevention

P102 - Keep out of reach of children
P103 - Read label before use
P201 - Obtain special instructions before use
P202 - Do not use until all safety instructions have been read and understood
P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof [electrical/ventilating/lighting/.../] equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink, or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves / eye protection / face protection
P281 - Use personal protective equipment as required.

Response

P301+P310 - If SWALLOWED. Immediately call a POISON CENTRE or doctor
P331 - Do NOT induce vomiting
P302+P352 - IF ON SKIN: wash with plenty of water
P332+P313 - IF SKIN irritation occurs: Get medical advice/attention
P307+P311 - IF exposed: call a POISON CENTER or doctor/physician
P314 - Get medical advice/attention if you feel unwell.
P303+P361+P353 - IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].
P370+P378 - In case of fire: Use alcohol resistant foam or normal protein foam to extinguish.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313+P337 - If eye irritation persists seek medical advice / attention

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with local regulations.

SECTION 3 – INFORMATION ON INGREDIENTS

CAS / Identification	Component	Conc (%)
108-88-3	Toluene	15 – 40*
64741-84-0	Naphtha (petroleum), solvent-refined light	10 – 30*
67-64-1	Acetone	10 – 30*
25085-50-1	Formaldehyde. polymer with 4-(1, 1-dimethylethyl)phenol	3 – 7*
1309-48-4	Magnesium Oxide	0.5 – 1.5*
1314-13-2	Zinc Oxide	0.1 – 1*

* Actual concentration ranges are withheld as a trade secret

SECTION 4 – FIRST AID MEASURES

Description of Necessary Measures:

If exposed or concerned: Call a POISON CENTER or doctor/physician

Inhalation: Remove person to fresh air and keep comfortable for breathing. Give artificial respiration if not breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eyes: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion: Aspiration hazard. Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration.

Indication of any immediate medical attention and special treatment needed:

No additional information is available

Most Important Symptoms/Effects:

Skin irritation, eye irritation, aspiration hazard, central nervous system damage, kidney damage, liver damage, respiratory system damage, nervous system damage, nervous system Effects

Delayed:

Central nervous system damage, kidney damage, nervous system damage, respiratory system damage, blood Effects, liver effects.

Note to Physicians:

If adverse effects occur, treat symptomatically and supportively.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing:

Media Dry chemical, foam, or carbon dioxide. Water may be ineffective

Unsuitable Extinguishing Media:

Water and do not use high-pressure water streams

Special Hazards Arising from the Chemical:

Highly flammable liquid and vapor. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback

Hazardous Combustion Products:

Oxides of carbon, hydrogen cyanide, oxides of nitrogen

Advice for firefighters:

Keep away from heat/sparks/open flame/hot surfaces - No smoking. Ground/bond container and receiving equipment. Take action to prevent static discharges. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out.

Fire Fighting Measures:

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up:

Eliminate all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not touch or walk-through spilled material. Prevent entry into waterways, sewers, basements, or confined areas. Absorb with earth, sand or other non-combustible material and transfer to container. Use non-sparking tools.

Environmental Precautions:

Avoid release to the environment.

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flame, and hot surfaces - No smoking. Use non-sparking tools. Wash contaminated clothing before reuse. Do not get in eyes, on skin, or on clothing. Ground/bond container and receiving equipment. Wear protective gloves/clothing and eye/face protection. When using, do not eat, drink, or smoke. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area. Do not breathe gas, fumes, vapor, or spray. Wash thoroughly after handling.

Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool Do not cut, puncture, or weld on or near this container. Empty containers may contain product residue.

Incompatible Materials:

Store away from oxidizing agents.

SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION**Workplace Exposure Standards:**

A workplace exposure standard has not been established by Worksafe NZ for this product. There is a general limit of 10mg/m³ for dusts and mists when limits have not otherwise been established.

NZ Workplace Exposure Standards

Ingredient	CAS	WES-TWA	WES-STEL
Magnesium oxide MgO	1309-48-4	10mg/m ³ (fume)	Data unavailable
Zinc oxide	1314-13-2	5mg/m ³ (fume)	Data unavailable
Toluene	108-88-3	50ppm, 188mg/m ³ (skin)	Data unavailable
Acetone	67-64-1	500ppm, 1185mg/m ³	1000ppm, 2375mg/m ³

*These workplace exposure standards are also Prescribed Exposure Standards (PES) under the Health & Safety at Work (General Risk and Workplace Management) Regulations 2016.

Personal Protective Equipment:

Biological limit value - There are no biological limit values for any of this product's components.

Engineering Controls - Provide local exhaust ventilation system. If necessary, use appropriate local exhaust ventilation to keep exposures below the regulated limits.

Individual Protection Measures, such as Personal Protective Equipment Eye/face protection

Wear splash resistant safety goggles with a face shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear chemical resistant clothing and rubber boots when potential for contact with the material exists. Thoroughly clean and dry contaminated clothing before reusing.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. Glove Recommendations Wear appropriate chemical resistant gloves.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Yellow liquid	Physical State	Liquid
Odour	Characteristic	Colour	Yellow
Odour Threshold	Not determined	pH	Not determined
Melting Point	Not determined	Boiling Point	98 °C (208.4 °F)
Ignition Temperature	240 °C (464 °F)	Flammability (solid, gas)	Not Applicable
Auto-ignition	Product is not selfigniting.	Flash Point	-18 °C (- 64.4 °F)
Lower Explosive Limit	1.2 Vol %	Decomposition Temp.	Not determined
Upper Explosive Limit	13.0 Vol %	Vapor Pressure at 20 °C	233.0 hPa
Water Solubility	Not miscible or difficult to mix	Specific Gravity (water=1)	0.839
Vapor Density (air=1)	Not determined	Partition coefficient:	Not determined
Viscosity	Not determined	Solids Content	22%
Solvent Content	78.0 %	Other Information	VOC = 634 g/L
Danger of explosion	Product is not explosive. However, formation of explosive air/vapor mixtures is possible.		

SECTION 10 – STABILITY & REACTIVITY

Reactivity	No reactivity hazard is expected
Chemical Stability	Stable under normal conditions of use.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur
Conditions to Avoid	Avoid heat, flames, sparks, and other sources of ignition. Avoid contact with incompatible materials.
Incompatible Materials	Acids, bases, strong oxidizing agents
Hazardous decomposition products	Oxides of carbon, nitrogen and hydrocarbons, hydrogen chloride (thermal degradation products).

SECTION 11 – TOXICOLOGICAL INFORMATION

Skin Contact	Irritant to skin and mucous membranes
Eye Contact	Causes serious eye irritation. Vapors may be irritating to the eyes.
Other Information	May cause reproductive harm

Acute and Chronic Toxicity Component Analysis - LD50/LC50:

LD/LC50 values that are relevant for classification:

Toluene (108-88-3)		
Oral	LD50	5.000 mg/kg (rat)
Dermal	LD50	12.124 mg/kg (rabbit)
Inhalative	LD50/4 h	5.320 mg/l (mouse)

Carcinogenic Category

108-88-3	Toluene	3
9010-98-4	Polychloroprene Polymer	3
9003-55-8	1,3-butadiene-styrene block polymer	3

CMR EFFECT (CARCINOGENIC, MUTAGENIC AND TOXIC FOR REPRODUCTION)

Germ cell mutagenicity - category 1B, Carcinogenicity - category 1A, Reproductive toxicity - category 2

SECTION 12 – ECOLOGICAL INFORMATION**TOXICITY:**

Aquatic Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative Potential: No further relevant information available

Mobility in soil: No further relevant information available.

Ecotoxicological Effects - Remark: Very toxic for fish

Additional Ecological Information:**General Notes:**

At present there are no ecotoxicological assessments.

Water hazard class 2 (self-assessment): hazardous for water

Do not allow products to reach ground water, water courses or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

Other adverse effects: No further relevant information available

SECTION 13 – DISPOSAL CONSIDERATIONS**Disposal Methods:**

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14 – TRANSPORT INFORMATION**Land Transport Rule: Hazardous Goods 2005 – NZS 5433:2007**

Transport according to NZS 5433 (Transport of Hazardous Substances on Land). Considered a dangerous good for transport.

Shipping Name:	Adhesives	Packing Group:	II
UN #	UN1133	HAZCHEM Code	3YE
Hazard Class:	3		
Precautions:	Flammable Liquid		

SECTION 15 – REGULATORY INFORMATION

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002662, Surface Coatings and Colorants (Flammable) Group Standard 2020.

Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)

Key Workplace requirement are:

SDS	To be available in 10 minutes any workplace storing any quantity
Inventory	An inventory of all hazardous substances must be prepared and maintained
Packaging	All hazardous substances should be appropriately packaged, including substances that have been decanted, transferred, or manufactured for own use or have been supplied
Labelling	Must comply with the Hazardous Substances (Labelling) Notice 2017
Emergency Plan	Required if > 1000 litres is stored
Certified Handler	Not required
Tracking	Not required
Bunding & Secondary Containment	Required if > 1000 litres is stored
Signage	Required if > 250 litres is stored in one location
Location Compliance Certificate	Required if > 100L (containers > 5L), 250 litres (≤5L containers) 50L (in use) is stored in any one location
Flammable Zone	Must be established if > 100L (closed containers), 25L (decanting), 5L (open occasionally), 1L (in use) is stored in any one location
Fire Extinguisher	If > 250L is present

Section 16 – OTHER INFORMATION

Abbreviations:

CAS Number	Unique Chemical Abstracts Service Registry Number
Controls Matrix	List of default controls linking regulation numbers to Matrix code
EPA	Environmental Protection Authority
HAZCHEM Code	Emergency action code of numbers and letters that provide information to emergency services, especially firefighters
HSNO	Hazardous Substances and New Organisms (Act & Regulations)
IARC	International Agency for Research on Cancer
LD50	Lethal Dose 50% - dose which is fatal to 50% of a test population (usually rats)
MSDS (SDS)	Material Safety Data Sheet (Safety Data Sheet)
NZIoC	New Zealand Inventory of Chemicals
PES	Prescribes Exposure Standard means a WES or a biological exposure standard that is prescribed in a regulation, a safe work instrument or an approval under HSNO

STEL	Short Term Exposure Limit – The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15-minute period, provided the TWA is not exceeded.
TWA	Time Weighted Average – generally referred to WES averaged over typical workday (usually 8 hours)
WES	Workplace Exposure Standard – The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours per day, 5 days per week) The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the workers breathing zone

Review

Date	Reason for Review
April 2022	Not applicable – New SDS
June 2026	Review and update as required, component % and HSNO to GHS 7

Disclaimer:

This SDS was prepared by Sealco Ltd and is based on our current knowledge, including information obtained by suppliers. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties and how the substance is used. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.