SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**Loxeal 58-11**
Product Code:	7170581, 7170582, 7170583
Product Use:	Adhesive, Sealant
Restriction of Use:	Refer to Section 15
Australian Supplier:	**Bromic Pty Ltd (ABN 88 001 648 979)** 10 Phiney Place Ingleburn, NSW, 2565, Australia
Telephone:	1300 276 642
Emergency Telephone:	13 11 26 (National Poison Centre)
New Zealand Supplier:	**Bromic Group**
Address:	PO Box 58931 Botany, Auckland, 2163
Telephone:	0508 276 642
Emergency Telephone:	0800 764 766 (National Poison Centre)
Date of SDS Preparation:	23 January 2024

Section 2. Hazards Identification

Australia:
Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:
Classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Safety Data Sheets) Notice 2017 Part B Clause 9.

EPA Approval No: Surface Coatings and Colourants (subsidiary) – HSR002670

Pictograms

Irritant

Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Acute inhalation toxicity Cat. 4	H332	Harmful if inhaled.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Germ cell mutagenicity Cat. 2	H341	Suspected of causing genetic defects.
Specific target organ toxicity – repeated exposure Cat. 2	H373	May cause damage to organs through prolonged or repeated exposure.

specific target organ toxicity – single exposure Cat. 3 respiratory tract irritation	H335	May cause respiratory irritation.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective clothing [as detailed in SDS Section 8].

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Cumene Hydroperoxide	0 - <5	80-15-9
Non-hazardous ingredients	To Bal	

Section 4. First Aid Measures

Routes of Exposure:

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.

If on Skin — Wash affected areas with water and soap. If skin irritation occurs: Get medical advice/attention.

If Swallowed — Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.

If Inhaled — Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms:	May cause drowsiness or dizziness. May cause an allergic skin reaction.
Swallowed:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Inhaled:	Harmful if inhaled. Inhalation of product vapours can cause irritation of the nose, throat and may cause respiratory irritation.
Skin:	Not applicable.
Eyes:	Causes serious eye irritation. Will cause tearing, stinging, blurred vision and redness.
Chronic:	Suspected of causing genetic defects. Classified as suspected to induce heritable mutations. May cause damage to organs through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from combustion products	This product may emit toxic/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds.
Suitable Extinguishing media	Foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.
Precautions for firefighters and special protective clothing	Fire fighters should wear self-contained breathing apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours and fumes. Water spray may be used to cool down heat exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.
HAZCHEM CODE	**None allocated**

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Evacuate all non-essential personnel from affected area. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation.

If possible, contain the spill. Place inert absorbent, non-combustible material onto the spillage. Use clean non sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of according to Local Regulations as detailed in Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe fumes, mist, vapours or spray.
- Avoid contact with skin and eyes.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective clothing [as detailed in SDS Section 8].
- Prevent a build-up of mists or vapours in the work atmosphere.
- Do not use near ignition sources.
- Do not pressurise, cut or weld containers as they may contain hazardous residues.

Precautions for Storage:

- Store locked up.
- Store in a cool, well-ventilated place. Keep container tightly closed.
- Keep out of reach of children.
- Store away from sources of ignition, oxidizing agents, strong acids, foodstuffs and clothing.
- Keep containers closed when not in use and protected against physical damage.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	TWA mg/m^3	STEL ppm	STEL mg/m^3

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.
New Zealand: Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.
AUST: Workplace Exposure Standards for Airborne Contaminants Oct 2022.

Engineering Controls
This substance is hazardous and should be used with a local exhaust ventilation system drawing vapours away from worker breathing zone. A flame-proof exhaust ventilation system is required.

Personal Protection Equipment:

Eyes	Safety glasses with side shields, chemical goggles or full face shield should be used.
Hands and Skin	Wear gloves of imperious materials (Nitrile rubber or VitonTIM). Wear suitable protective workwear, eg cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron recommended where large quantities are handled.
Respiratory	If engineering controls are not effective in controlling airborne exposure then an approved respirator protective requirement. Refer to Australian Standards AS/NZS1715.
General	Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Use of good industrial hygiene practices is required.

Section 9 Physical and Chemical Properties

Appearance	Yellow, viscous liquid
Odour	Slight pungent
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	>100°C
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	1.1
Solubility in water	Insoluble in water. Soluble in the following materials: Organic solvents.

Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	50000 mPa s @ 25°C Thixotropic
Particle Characteristics	Not available
% Volatile by weight	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid	Avoid heat, flames and other sources of ignition.
Incompatible Materials	Strong acids. Strong alkalis. Strong oxidising agents. Strong reducing agents.
Hazardous Decomposition Products	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.
Reactivity	Reacts with incompatible materials.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable. Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Dermal	Not applicable.
Inhalation	Harmful if inhaled. Inhalation of product vapours can cause irritation of the nose, throat and may cause respiratory irritation.
Eye	Causes serious eye irritation. Will cause tearing, stinging, blurred vision and redness.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Suspected of causing genetic defects. Classified as suspected to induce heritable mutations.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	May cause damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

No ecological data available for this materials.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Triple rinse and dispose of according to Local Regulations.

Precautions and methods to avoid: None known.

Section 14 Transport Information

This product is NOT classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020

Section 15 Regulatory Information

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Trigger quantities for this substance:

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	1000L
Secondary Containment	1000L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

EC_{50}	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC_{50}	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD_{50}	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:
Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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