SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	Gekko G50 Contact Adhesive 22kg Canister
Product Use:	Canister Spray Adhesive
Restrictions of use:	Refer to Section 15
New Zealand Supplier:	Sabre Adhesives Ltd
Address:	40-42 Cambridge Street Levin, 5510, New Zealand
Telephone:	+64 (0)6 366 0007
Emergency No:	**0800 764 766 (National Poison Centre)**
Australian Supplier:	Sabre Adhesives Ltd
Address:	Level 6, 10 Herb Elliot Avenue, Sydney, NSW, 2127
Telephone No:	+61 2 9098 8244
Emergency No:	**13 11 26 (National Poison Line)**
Date SDS Issued:	28 September 2021 v2

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:
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

NZ - EPA Approval Code: Surface Coatings and Colourants (Carcinogenic) - HSR002679

Pictograms

SIGNAL WORD: Warning

GHS Classification and Category	Hazard Code	Hazard Statement
Liquified Gas	H280	Contains gas under pressure may explode if heated.
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Carcinogenicity Cat. 2	H351	Suspected of causing cancer.
Narcotic effects	H336	May cause drowsiness or dizziness.

Prevention Code	Prevention Statement
P103	Read label before use.
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 Section 8.
P281	Use personal protective equipment as required.

Response Code	Response Statement
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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.
P332 + P313	If skin irritation occurs: 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.
P410 + P403	Protect from sunlight. Store in a well-ventilated place.

Disposal Code	Disposal Statement
P501	Dispose of according to the local authorities

Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Methylene chloride	60-100	75-09-2
Carbon dioxide	5-10	124-38-9
Dimethyl ether	5-10	115-10-6

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

If on Skin — Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

If Swallowed — Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention.

If Inhaled — Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained

personnel may assist affected person by administering oxygen. Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: Refer to Section 11 for all symptoms:

Ingestion: Gastrointestinal symptoms, including upset stomach. Stomach pain. Nausea, vomiting. Diarrhoea.

Inhalation: Irritating to respiratory system. Irritation of nose, throat and airway. Headache.

Skin: Irritating to skin. Prolonged contact may cause redness, irritation and dry skin.

Eye: Irritating to eyes. Prolonged contact may cause redness and/or tearing.

Chronic: Suspected of causing cancer. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea.

Section 5. Fire Fighting Measures

Hazard Type	Pressurized container: Must not be exposed to temperatures above 50°C. Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazards from products	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO). Hydrocarbons Aldehydes.
Suitable Extinguishing media	Carbon dioxide, dry chemical, foam, water fog or water mist. Do not use water jet.
Precautions for firefighters and special protective clothing	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
HAZCHEM CODE	**2X**

Section 6. Accidental Release Measures

Remove all sources of ignition. Do not allow contact with skin and eyes. Evacuate all unprotected personnel.

Avoid discharge into drains. Contain spillage with sand, earth or other suitable non- combustible material.

Stop leak if possible without risk. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.
Dispose of waste according to applicable local and national regulations.

Section 7. Handling and Storage

Handling:

- Read label before use.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective clothing as detailed in Section 8.
- Use personal protective equipment as required.
- Avoid spilling.
- Avoid contact with skin and eyes.

- Do not eat, drink or smoke when using this product.
- Use approved respirator if air contamination is above an acceptable level.
- Container must be kept tightly closed when not in use.

Storage:
- Store locked up.
- Store in a well-ventilated place.
- Keep container tightly closed.
- Protect from sunlight.
- Keep only in the original container.
- Pressurized container: Must not be exposed to temperatures above 50°C.

Section 8 Exposure Controls / Personal Protection

Exposure Limit Values:

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm	TWA mg/m³	STEL ppm	STEL mg/m³
Dichloromethane [75-09-2]	50	174	-	-
Carbon dioxide [124-38-9]	5,000	9,000	30,000	54,000
Dimethylether [115-10-6]	400	766	500	958

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. Workplace Exposure Standards and Biological Exposure Indices NOV 2020 12TH EDITION.

Engineering Controls
This product must not be handled in a confined space without adequate ventilation. Provide adequate general and local exhaust ventilation.

Personal Protection Equipment

Eyes	Wear chemical splash goggles.
Hands	Use protective gloves.
Skin	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Respiratory	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.
Other	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Section 9 Physical and Chemical Properties

Appearance	Aerosol
Colour	Clear. Blue
Odour	Organic solvents
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	1.22
Relative Density	Not available
Solubility in water	Negligibly soluble in water
Partition Coefficient:	Not available
Auto Flammability	Not available
Oxidising	Not available
Viscosity	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions of storage and handling.
Possibility of hazardous reactions	Gas: Reacts violently with oxidising agents. Liquid: Reacts with nitric acid to form explosive mixture. May react with amines such as polyurethane catalyst. Prolonged storage: May react with aluminium or light alloy and can form hydrogen chloride gas and heat.
Conditions to Avoid	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidising agents. Reducing agents.
Incompatible Materials	May cause oxidation with: Aluminium.
Hazardous Decomposition Products	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Aldehydes. Hydrocarbons.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not triggered however if swallowed may cause gastrointestinal symptoms, including upset stomach. Stomach pain. Nausea, vomiting. Diarrhoea.
Dermal	Not applicable.
Inhalation	May cause drowsiness or dizziness. May be irritating to respiratory system. Irritation of nose, throat and airway. Headache.
Eye	Causes serious eye irritation. Prolonged contact may cause redness and/or tearing.
Skin	Causes skin irritation. Prolonged contact may cause redness, irritation and dry skin.

Chronic Effects:

Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

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

Section 13. Disposal Considerations

General: Dispose of waste according to applicable local and national regulations. 'Empty' containers retain residue (liquid and/or vapour) and can be dangerous. Do not attempt to clean since residue is difficult to remove. Do not pressurise, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks and other sources of ignition. They may explode and cause injury or death. All containers should be returned to the supplier. Privately owned containers no longer required, should be disposed of in an environmentally safe manner, and in accordance with applicable regulations.

Product Disposal:

Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.

In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Notice 2017. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards. Container Disposal:
Empty the container completely before disposal. Contaminated containers must not be treated as household waste.

Disposal Method: Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

Precautions: Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in Australia; ADG 7
This product is classified as a Dangerous Good for transport: NZS 5433:2012

Road and Rail Transport

UN No	3500
Class-primary	2.2
Packing Group	None Allocated
Proper Shipping Name	CHEMICAL UNDER PRESSURE, N.O.S.

Air Transport

UN No	3500
Class-primary	2.2
Packing Group	None Allocated
Proper Shipping Name	CHEMICAL UNDER PRESSURE, N.O.S.

Marine Transport

UN No	3500
Class-primary	2.2
Packing Group	None Allocated
Proper Shipping Name	CHEMICAL UNDER PRESSURE, N.O.S.

Section 15 Regulatory Information

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

Poison Schedule No: Not Scheduled.

New Zealand:
This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

NZ - EPA Approval Code: Surface Coatings and Colourants (Carcinogenic) - HSR002679

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	10 000kg
Secondary Containment	10 000kg
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

Cat	Category
EC50	Median effective concentration.

EEL Environmental Exposure Limit.
EPA Environmental Protection Authority
HSNO Hazardous Substances and New Organisms.
HSW Health and Safety at Work.
LC50 Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD50 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 Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
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
The information herein is given in good faith, but no warranty, express or implied is made. Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

Issue Date: 28 September 2021 Review Date: 28 September 2026