

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: Gekko G54 Contact Adhesive Aerosol  
 Product Use: Adhesive  
 Restrictions of use: Refer to Section 15

**New Zealand Supplier:** Maxilam  
 Address: 35-39 Tiro Tiro Rd  
 Levin, 5540, New Zealand  
 Telephone: +64 (0)6 366 0007  
 Fax Number: +64 (0)6 368 0766  
**Emergency No: 0800 764 766 (National Poison Centre)**

**Australian Supplier:** Maxilam AU  
 Address: 11 Marconi Drive, Dandenong, Melbourne  
 Telephone No: +61 3 8657 5507  
 Fax: +61 2 62993868  
**Emergency No: 13 11 26 (National Poison Line)**

Date SDS Issued: 4 July 2016

### Section 2. Hazards Identification

**Australia NOHSC – Is hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice**

**NZ - This substance is hazardous according to The HSNO (Minimum Degrees of Hazard) Regulations 2001**

**NZ - EPA Approval Code:** Aerosols (Flammable) - HSR002515

#### Pictograms



Flammable



Irritant



Chronic



Ecotoxic

**SIGNAL WORD: DANGER**

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
2.1.2A	H222	Extremely flammable aerosol.	Category 1
6.1E (asp)	H304	May be fatal if swallowed and enters airways.	Category 1
6.3A	H315	Causes skin irritation.	Category 2
6.4A	H319	Causes serious eye irritation.	Category 2A

9.1B	H411	Toxic to aquatic life with long lasting effects.	Category 2
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**Prevention Code      Prevention Statement**

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.

**Response Code      Response Statement**

P101	If medical advice is needed, have product container or label at hand.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.
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.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

**Disposal Code      Disposal Statement**

P501	Dispose of according to the local authorities
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**Section 3.      Composition of hazardous Ingredients**

Ingredients	Wt%	CAS NUMBER.
Dimethyl Ether	30-60	115-10-6
Methyl Acetate	30-60	79-20-9
Heptane	10-30	142-82-5

**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.

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

If Swallowed      DO NOT induce vomiting. Never give anything by mouth to an unconscious person. May give patient a glass of water. If vomiting occurs, give further water and get to a doctor or hospital quickly. Immediately call a POISON CENTER or doctor/physician.

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.

Note to physician: If adhesive bonding occurs, do not force eyelids apart. Treat symptomatically.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Highly Flammable Aerosol
<b>Hazards from products</b>	Toxic gases or vapours.
<b>Suitable Extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.
<b>Precautions for firefighters and special protective clothing</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.
<b>HAZCHEM CODE</b>	<b>2YE</b>

## Section 6. Accidental Release Measures

For personal protection, see Section 8. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. Keep unnecessary and unprotected personnel away from the spillage.

Do not discharge into drains or watercourses or onto the ground.

Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## Section 7. Handling and Storage

### Handling:

- Keep out of reach of children.
- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Provide adequate ventilation.
- Do not use in confined spaces with adequate ventilation and/or a respirator.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing.

### Storage:

- Store locked up.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
- Isolate from incompatible materials detailed in Section 10.
- Keep containers tightly closed, in a cool, well ventilated place.

## Section 8 Exposure Controls / Personal Protection

## Exposure Limit Values:

### WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Dimethylether [115-10-6]	400	766	500	958
Methyl acetate [79-20-9]	200	606	250	757
Heptane (n-Heptane) [142-82-5]	400	1,640	500	2,050

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.

## Engineering Controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist. This product must not be handled in a confined space without adequate ventilation.

## Personal Protection Equipment

### Respiratory Protection

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.

### Skin Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

### Eye Protection

Wear safety glasses with side shields.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Aerosol
<b>Colour</b>	Amber
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not applicable
<b>pH</b>	Not applicable
<b>Boiling Point</b>	57°C at 1013 hPa
<b>Melting Point</b>	Not applicable
<b>Freezing Point</b>	Not applicable
<b>Flash Point</b>	-5°C
<b>Flammability</b>	Not applicable
<b>Upper and Lower Explosive Limits</b>	1.0 – 13%
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Relative Density</b>	0.83
<b>Solubility in water</b>	Insoluble in water
<b>Partition Coefficient:</b>	Not applicable
<b>Auto Flammability</b>	>275°C

<b>Oxidising</b>	Does not meet the criteria for classification as oxidising.
<b>Viscosity</b>	Non-viscous
<b>Percent Volatile</b>	Not applicable
<b>Evaporation Rate</b>	Fast

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Conditions to Avoid</b>	Heat, sparks, flames. Containers can burst violently or explode when heated, due to excessive pressure build-up.
<b>Incompatible Materials</b>	Strong oxidising agents. Strong acids.
<b>Hazardous Decomposition Products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapour.

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation

#### Chronic Effects:

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	May be fatal if swallowed and enters airways.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

### Section 12. Ecotoxicological Information

**New Zealand:** HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.

<b>Persistence and degradability</b>	The product is expected to be slowly biodegradable.
<b>Biodegradation</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	Readily absorbed into soil.
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

### Section 13. Disposal Considerations

**Disposal Method:** Empty packaging completely prior to disposal. Do not pierce or burn, even after use. Place any recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations.

Precautions: Ensure waste container containing recovered product is labelled "Hazardous Waste – Flammable". Do not allow to enter waterways.

## 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: 1950  
Class-primary 2  
Packing Group None allocated  
Proper Shipping Name: AEROSOLS

### Air Transport

UN No: 1950  
Class-primary 2  
Packing Group None allocated  
Proper Shipping Name: AEROSOLS

### Marine Transport

UN No: 1950  
Class-primary 2  
Packing Group None allocated  
Proper Shipping Name: AEROSOLS

## Section 15 Regulatory Information

### **Australia:**

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Poison Schedule No: Schedule 5

### **New Zealand:**

EPA Approval Code: Aerosols (Flammable) - HSR002515

HSNO Classification: 2.1.2A, 6.1E(asp), 6.3A, 6.4A, 9.1B

### **HSNO Controls in New Zealand:**

Trigger quantities for this substance:

	<b>Trigger Quantity</b>
Approved Handler	3000L (AWC)
Location Certificate	3000L (AWC)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (9.1B)
Emergency Response Plan trigger Quantities	1000L (9.1B)
Restrictions of use	None

## Section 16 Other Information

Product Name: G54 Contact Adhesive Aerosol  
Date of SDS: 4 July 2016

Issued by: Technical Compliance Consultants (NZ) Ltd  
Tel: +64 9 475 5240 WWW.techcomp.co.nz

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
2. Safe Work Australia NOHSC 2011 National Code of Practice

#### Disclaimer

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