

Glue Guru

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: HSE-Tac Canister
Size: 13.6kg
Product Use: Industrial Adhesives
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Glue Guru**
Address: 1016E Great South Road
Penrose, Auckland, 1061
Telephone: 09 444 4878
Fax Number: 09 442 5975
NZ Emergency No: **0800 764 766(National Poison Centre)**

Australian Supplier: **Glue Guru International Ltd**
Address: 1/21 Leakes Road
Laverton North
Melbourne, VIC
Australia
Telephone No: 1300 901 687

Australian Emergency No **13 11 26 (National Poison Centre)**

Date of SDS Preparation: 17 June 2025

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

EPA Approval Code: Gases Under Pressure Mixtures (Flammable) – HSR0002532

Pictograms:



Signal Word: DANGER

GHS Category	Hazard Code	Hazard Statement
Flammable gas Cat. 1A	H220	Extremely flammable gas.
Liquified Gas	H280	Contains gas under pressure may explode if heated.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Specific target organ toxicity – repeated exposure Cat. 1	H372	Causes damage to organs through prolonged or repeated exposure.

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Hazardous to the aquatic environment chronic Cat. 3	H412	Harmful to aquatic life with long lasting effects.
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Prevention Code Prevention Statement

P103	Read carefully and follow all instructions.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in SDS Section 8.

Response Code Response Statement

P314	Get medical advice/attention if you feel unwell.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	In case of leakage, eliminate all ignition sources.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code Storage Statement

P403	Store in a well-ventilated place.
P410 + P403	Protect from sunlight. Store in a well-ventilated place.

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.
n-hexane	15-20	110-54-3
Dimethyl Ether	<10	115-10-6

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 skin with soap and water, launder soaked clothing before re-use. Seek medical attention if needed.
If Swallowed	Do NOT induce vomiting. If vomiting occurs turn patient on side. IF exposed or concerned: Call a POISON CENTER/doctor.
If Inhaled	Remove persons affected by vapour to fresh air. Apply artificial respiration if patient is not breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Most important symptoms and effects, both acute and delayed:

Symptoms:

Ingestion: Not applicable.

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Inhalation: Not applicable.
Skin: Not applicable.
Eye: Causes serious eye irritation.
Chronic: May cause damage to organs through prolonged or repeated exposure

Section 5. Fire Fighting Measures

Hazard Type	Extremely flammable gas canister.
Hazards from products	In case of fire, stop leak if safe to do so. Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback. May decompose in a fire, giving off toxic and irritant vapours. Hazardous decomposition product(s): Carbon dioxide, Carbon monoxide
Suitable Extinguishing media	Water spray, foam, dry powder or CO2
Precautions for firefighters and special protective clothing	Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. If possible remove containers before using water. Keep containers cool by spraying with water if exposed to fire.
HAZCHEM CODE	2YE

Section 6. Accidental Release Measures

Use personal protective equipment as detailed in Section 8. Avoid breathing vapours or gas. Ensure adequate ventilation. Remove all ignition sources. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Evacuate non-essential personnel.

Do not allow to enter drains, sewers or watercourses.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth. Place into a container for disposal. Dispose as per Section 13.

Section 7. Handling and Storage

Handling:

- Read carefully and follow all instructions.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not breathe fumes, gas, mist, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- Avoid contact with skin and eyes.
- Flash back is possible over considerable distance.
- Container explosion may occur under fire conditions.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
- Ensure operatives are trained to minimise exposures.
- Ensure adequate ventilation.
- Keep away from: Elevated temperature.
- Contaminated clothing should be thoroughly cleaned.
- Keep from direct sunlight.

Storage:

- Store locked up.
- Keep container tightly closed.
- Protect from sunlight.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Keep only in original container.
- Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
- Opened containers should be carefully resealed and stored in an upright position.
- Store at room temperature.
- Store away from acids, bases and strong oxidising agents.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Hexane (n-Hexane)	[110-54-3]	20	72	-	-
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 FEB 2025 15TH EDITION.

Engineering Controls

Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.

Personal Protection Equipment



Eyes	If there is a risk to eyes use safety glasses & goggles to approved standard such as EN166(EU)
Hands	Wear impervious gloves (EN374).
Skin	Use impervious overalls.
Respiratory	In case of inadequate ventilation wear respiratory protection. A suitable mask with filter type AX may be appropriate.
General	Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing gas. IF exposed: Wash immediately with water. Wash contaminated clothing before reuse. Do not eat, drink or smoke at the work place.

Section 9 Physical and Chemical Properties

Appearance	Gas Canister with liquid
Colour	Clear/Blue
Odour	Solvent odour
Odour Threshold	Not available
pH	7 @ 5g/l @ 20 °C

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Boiling Point	69°C
Melting Point	-95 °C
Freezing Point	Not applicable
Flash Point	-25.99 °C
Flammability	Highly Flammable Gas
Upper and Lower Explosive Limits	1.2 – 7.7%
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	0.65 g/mL at 25 °C
Solubilities	insoluble
Partition Coefficient	Not available
Auto-ignition Temperature	234.0°C
Decomposition Temperature	Not applicable
Kinematic Viscosity	Not applicable
Particle Characteristics	Not applicable

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep from direct sunlight. Keep away from: Elevated temperature. Do not spray on an open flame or other ignition source.
Incompatible Materials	Acids, Bases, Strong oxidising agents.
Hazardous Decomposition Products	Carbon dioxide, Carbon monoxide

Section 11 Toxicological Information

Acute Effects:

Oral	Not applicable. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw/day
Dermal	Not applicable. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw/day
Inhalation	Not applicable. Acute Toxicity Estimate Mixture Calculation: LC50 >20000 ppmV
Eye	Causes severe irritation to eyes.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Causes damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

Harmful to aquatic life with long lasting effects.

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

Do not allow to enter waterways.

Section 13. Disposal Considerations

Dispose of this material and its container to hazardous or special waste collection point.

Precautions or conditions to avoid. Do not pierce or burn container, even after use. Make sure that packaging is completely empty before recycling. Containers of this material may be hazardous when empty since they retain product residue.

Section 14 Transport Information

This product is 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 classified as a Dangerous Good for transport in NZ; NZS 5433:2020



Road, Rail, Sea and Air Transport

UN No	3161
Class - Primary	2
Packing Group	Not assigned
Proper Shipping Name	LIQUIFIED GAS – FLAMMABLE
Marine Pollutant	No

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

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

New Zealand:

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

EPA Approval Code: **Gases Under Pressure Mixtures (Flammable) – HSR0002532**

Trigger Quantities for this substance:

Certified Handler	Not required
Location Certificate	100kg
Tracking Trigger Quantities	Not required

Signage Trigger Quantities	250kg
Emergency Response Plan trigger Quantities	300kg
Secondary Containment trigger Quantities	300kg
Fire Extinguisher	50kg = 1 off
Restrictions of use	None

Section 16 Other Information

Glossary

Cat	Category
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 FEB 2025 15th 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 issued by the Glue Guru and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to the Glue Guru 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 Glue Guru 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, Glue Guru 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.

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Please contact the New Zealand distributor, Glue Guru, if further information is required.

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