

## SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

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

Product: Go Aerosol Spray Weld  
 Product Use: Primer/Cleaner and Cement for PVC Pipe  
 Colours: Clear and Purple  
 Restriction of Use: Refer to Section 15

New Zealand Supplier: Hydroflow Limited  
 Address: 221 Bush Road  
 Albany  
 Auckland 0632

Telephone: +64 9 415 6151  
 Fax Number: +64 9 415 6150

**Emergency Telephone: 0800 766 764 (National Poison Centre)**

Date of SDS Preparation: 18 September 2019

### Section 2. Hazards Identification

**This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017**

**EPA Approval Code: Aerosols (Flammable, Toxic[6.7]) - HSR002517**

#### Pictograms



Flammable Irritant/Toxic    Chronic

Signal Word: **DANGER**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
2.1.2A	H222	Extremely flammable aerosol.	Flam. Aero. 1
6.1D	H302	Harmful if swallowed.	Acute Tox. 4
6.3A	H315	Causes skin irritation.	Skin Irrit. 2
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A
6.7B	H351	Suspected of causing cancer.	Carc. 2
6.9B	H335	May cause respiratory irritation.	STOT RE 2
9.3C	H433	Harmful to terrestrial vertebrates.	-

#### Prevention Code    Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames and 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.
P261	Avoid breathing fumes, gas, vapours or 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.
P273	Avoid release to the environment.
P280	Wear protective clothing.
P281	Use personal protective equipment as required.

**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.
P330	Rinse mouth.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
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.
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 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

**Disposal Code                      Disposal Statement**

P501	Dispose of according to Local Regulations or Authorities
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**Section 3.                      Composition / Information on Ingredients**

<b>Ingredients</b>	<b>Wt%</b>	<b>CAS NUMBER.</b>
Tetrahydrofuran	10-30	109-99-9
Methyl Ethyl Ketone	10-30	78-98-3
Acetone	20-50	8009-03-08
PVC Resin	8-16	ND
Propane	8-20	74-98-6
Butane	I -20	106-97-8

**Section 4.                      First Aid Measures**

Routes of Exposure:

If in Eyes                      Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: Get medical advice.

If on Skin	Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. Seek medical attention if needed.
If Swallowed	Rinse mouth. Do NOT induce vomiting. Do not give anything to the mouth of an unconscious person. 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:

<b>Ingestion:</b>	Harmful if swallowed.
<b>Inhalation:</b>	May cause respiratory irritation.
<b>Skin:</b>	Causes skin irritation.
<b>Eye:</b>	Causes serious eye irritation.
<b>Chronic:</b>	Suspected of causing cancer.

## Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Flammable Aerosol
<b>Hazards from decomposition products</b>	None known
<b>Suitable Extinguishing media</b>	Carbon dioxide, dry chemical, water, or foam
<b>Precautions for firefighters and special protective clothing</b>	Use a self-contained breathing apparatus and full protective equipment. Beware of cans exploding
<b>HAZCHEM CODE</b>	<b>2YE</b>

## Section 6. Accidental Release Measures

In that this product is packaged in a sealed aerosol container, a spill is unlikely. A leaking can may, with caution, be placed in a plastic bag or pail until pressure has dissipated. All precautions and data from previous sections apply. Minor spills or leakage may be absorbed with appropriate materials and disposed in accordance with local regulations. Vapours are heavier than air. Remove all sources of ignition. Notify appropriate authorities of spill.

## Section 7. Handling and Storage

### Handling

- Keep out of reach of children.
- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames and 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.
- Avoid breathing fumes, gas, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.

### Storage

- Store locked up.

- Store in a well-ventilated place. Keep container tightly closed.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

## Section 8 Exposure Controls / Personal Protection

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

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Tetrahydrofuran (skin) 6.7B [109-99-9]	100	295	-	-
Propane [74-98-6]	Simple asphyxiant – may present an explosion hazard			
Butane [106-97-8]	800	1,900		

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 2017 9TH EDITION.

### Engineering Controls

Good engineering practices must be in place to ensure adequate ventilation to maintain concentrations of vapours or mists below specified exposure limits

### Personal Protection Equipment



<b>Eyes</b>	Goggles recommended.
<b>Skin</b>	No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing to protect areas subject to exposure.
<b>Respiratory</b>	Respiratory protection is recommended. An organic vapor respirator with a dust and mist filter may be used. All respirators must be NIOSH certified

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Viscous Purple or Clear Spray
<b>Odour</b>	Not available
<b>Odour Threshold</b>	Not available
<b>pH</b>	Not available
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	1.8%, 9.6%
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air =1)</b>	>1
<b>Specific Gravity (H<sub>2</sub>O=1)</b>	<1. @ 25°C
<b>Water Solubility</b>	Not available
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available

<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available
<b>Volatiles by Volume:</b>	80+%

### Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Not available
<b>Conditions to Avoid</b>	High heat, sources of ignition. Do not store in direct sunlight. Do not store above 50°C.
<b>Incompatible Materials</b>	None known
<b>Hazardous Decomposition Products</b>	None known

### Section 11 Toxicological Information

#### Acute Effects:

<b>Swallowed</b>	Harmful if swallowed.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Eye</b>	This product is an eye irritant
<b>Skin</b>	Causes skin irritation.

#### Chronic Effects:

<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	May cause irritation of the lungs.

### Section 12. Ecotoxicological Information

HSNO Classes: 9.3C = Harmful to terrestrial vertebrates.

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

### Section 13. Disposal Considerations

Disposal of this product must comply with the requirements of the Resource Management Act for which approval should be sought from the Regional Authority. The substance must be treated and therefore rendered non-hazardous before discharge to the environment.

Pressurised container: Do not puncture or incinerate containers. Send to landfill or similar.

Dispose of large quantities as hazardous waste.

## Section 14 Transport Information

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



### Road, Rail, Sea and Air Transport

<b>UN No</b>	1950
<b>Class - Primary</b>	2.1
<b>Packing Group</b>	None allocated
<b>Proper Shipping Name</b>	AEROSOLS
<b>Marine Pollutant</b>	No

## Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: Aerosols (Flammable, Toxic[6.7]) – HSR002517

HSNO Classification: 2.1.2A, 6.1D(oral), 6.3A, 6.4A, 6.7B, 6.9B, 9.3C

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	3000 L awc (2.1.2A)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (9.3C)
Emergency Response Plan	10 000L (6.7B)
Secondary Containment	10 000L (6.7B)
Restriction of Use	Only use for the intended purpose.

## Section 16 Other Information

### Glossary

EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	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:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017

2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 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

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

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