



Address: Unit 5/200 Hamilton Road New Gisborne VIC.
Postal: PO Box 98 Gisborne VIC 3437
Facsimile: 03 5428 4988
M.S.D.S INFORMATION: Telephone: 03 5428 3988

MATERIAL SAFETY DATA SHEET

PRODUCT: PREVAL REVISED DATE: 01/06/2016
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SECTION 1: IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name: PREVAL **Code:** PR02, PR03
Other Names: Propellant. (For Paint dispensing).
Product Use: Recommended Use Propellant. (For Paint dispensing).
Supplier: Trimfix Supplies (A.B.N 90 053 151 397)
Address: Unit 5/200 Hamilton Road, New Gisborne, VIC, 3438
Phone: 03 5428 3988 Facsimile: 03 5428 4988
Emergency Telephone Number:
Poisons Information Centre 131 126 (24 hours a day)

SECTION 2: HAZARD IDENTIFICATION

DANGER!

Emergency Overview: Flammable

Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing

May cause central nervous system depression

Causes adverse cardiovascular effects

Appearance: Colorless **Physical State:** Aerosol. **Odour:** Slight ethereal

Potential Health Effects

Acute Toxicity
Eyes: May cause irritation. Contact with product may cause frostbite.
Skin: May cause frostbite. Irritating to skin.
Inhalation: Harmful by inhalation. Inhalation of vapors in high concentration may cause irritation of respiratory system. At very high concentrations can displace the normal air and cause suffocation from lack of oxygen. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Ingestion: Not an expected route of exposure. May cause additional affects as listed under "Inhalation".

Chronic Effects Avoid repeated exposure. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Aggravated Medical Conditions: Cardiovascular, Respiratory disorders, Central nervous system.

Interactions with Other Chemicals: Use of alcoholic beverages may enhance toxic effects.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>CAS-No</i>	<i>Weight %</i>
<i>Dimethyl ether</i>	<i>115-10-6</i>	<i>40-70</i>
<i>Isobutane</i>	<i>75-28-5</i>	<i>15-40</i>
<i>Propane</i>	<i>74-98-6</i>	<i>15-40</i>

SECTION 4: FIRST AID MEASURES

General Advice: Call 000 or emergency medical service. Remove and isolate contaminated clothing and shoes.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact: Wash off with warm water and soap. In case of contact with liquefied gas, thaw frosted parts with lukewarm water.

Inhalation: Move victim to fresh air. Administer oxygen if breathing is difficult and you are trained. If breathing has stopped, contact emergency medical services immediately.

Ingestion: Clean mouth with water and afterwards drink plenty of water. Consult a physician.

Notes to Physician: Treat symptomatically.

Protection of First-aiders:

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.



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SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties: Extremely flammable liquefied gas. Vapors from liquefied gas are initially heavier than air and spread along ground. Containers may explode when heated.

Flash Point -155°F / -104°C
Method estimated

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire. Dry chemical or CO2. Water spray, fog or regular foam. Move containers from fire area if you can do it without risk. **Damaged cylinders should be handled only by specialists.**

Hazardous Combustion Products: Carbon monoxide, Carbon dioxide (CO2), Formaldehyde.

Explosion Data

Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: Yes.

Specific Hazards Arising from the Chemical

Vapors from liquefied gas are initially heavier than air and spread along ground. Vapors may travel to areas away from work site before igniting/flashing back to vapor source.*. Cylinders exposed to fire may vent and release flammable gas through pressure relief devices . Ruptured cylinders may rocket.

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA: Health Hazard 2	Flammability 4	Stability 0	Physical and Chemical Hazards-
HMIS: Health Hazard 2	Flammability 4	Physical Hazard 0	Personal Protection-

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Stop leak if you can do it without risk. Evacuate personnel to safe areas. Remove all sources of ignition. Take precautionary measures against static discharges. Pay attention to flashback. Keep people away from and upwind of spill/leak.

Environmental Precautions: Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material. Prevent entry into waterways, sewers, basements or confined areas.

Methods for Containment: If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate.

Methods for Cleaning Up: This material is a gas at room temperature. Do not direct water at spill or source of leak.

Other Information: Ventilate the area.



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SECTION 7: HANDLING and STORAGE

Precautions for Safe Handling:

Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Contents under pressure. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

Conditions for Safe Storage:

Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Keep at temperature not exceeding 52°C.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isobutane 75-28-5	TWA: 1000 ppm	N/A	N/A
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m3 (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m3	IDLH: 2100 ppm 10% LEL TWA: 1000 ppm TWA: 1800 mg/m3

NIOSH IDLH: Immediately Dangerous to Life or Health

Engineering Measures: Showers
 Eyewash stations
 Ventilation systems

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and Body Protection Wear fire/flame resistant/retardant clothing. Antistatic boots. Neoprene gloves.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and Clothing.

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SECTION 9: PHYSICAL – CHEMICAL PROPERTIES

Appearance:	Colourless.	Odour	Slight ethereal.
Odour Threshold:	No information available	Physical State:	Aerosol
pH	No information available	Method	estimated
Flash Point	-155°F / -104°C	Decomposition Temperature:	No information available
Autoignition Temperature	No information available	Melting Point/Range:	No information available
Boiling Point/Range	-42.2 to -11.7°C	Explosion Limits:	No information available
Flammability Limits in Air	No information available	Water Solubility	3.5%.
Specific Gravity	0.6	Evaporation Rate	No information available
Solubility	No information available	Vapor Density	No data available
Vapor Pressure	No data available		
VOC Content	Not applicable		

SECTION 10: STABILITY and REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Heat, flames and sparks. Temperatures above 52°C.
Incompatible materials:	Strong oxidizing agents. Halogens. Strong acids. Aluminium hydride. Aluminum lithium hydride.
Hazardous decomposition products:	Formaldehyde. Carbon monoxide (CO). Carbon dioxide (CO ₂).
Hazardous reactions:	None under normal processing.
Hazardous Polymerization:	Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	No acute toxicity information is available for this product.
Inhalation	May be harmful if inhaled. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Eye Contact	May cause irritation.
Skin Contact	Contact with product may cause frostbite.
Ingestion	Not an expected route of exposure.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dimethyl ether			308.5 mg/L (Rat) 4 h
Isobutane			658 mg/L (Rat) 4 h
Propane			658 mg/L (Rat) 4 h

Chronic Toxicity

Chronic Toxicity:	Avoid repeated exposure. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
Carcinogenicity:	There are no known carcinogenic chemicals in this product.
Target Organ Effects:	Central nervous system (CNS), Heart.



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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Chemical Name	Log Pow
Isobutane 2.88	Propane 2.3

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Methods:

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging:

Dispose of in accordance with local regulations. Do not re-use empty containers.

US EPA Waste Number:

D001

SECTION 14: TRANSPORT INFORMATION

Classified as Dangerous Goods according to the Australian Code for the
 Transport of Dangerous Goods by Road and Rail.

UN Number: 1950
Proper Shipping Name: Aerosols
Class and subsidiary Risk: 2.1
Packaging Group: None Allocated
Special Precautions for User: Not applicable.
Hazchem Code: 2(Y)E

SECTION 15: REGULATORY INFORMATION

International Inventories

- TSCA Complies
- DSL Complies
- EINECS Complies
- ELINCS Complies
- ENCS Complies
- IECSC Complies
- KECL Complies
- PICCS Complies



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SECTION 15: REGULATORY INFORMATION cont.

International Inventories

TSCA	Complies
DSL	Complies
EINECS	Complies
ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies

SECTION 16: OTHER INFORMATION

Emergency Contact: Poisons Information Centre 13 11 26
 Trimfix Supplies (03) 54283988

Disclaimer

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