

Section 1 – Identification of Chemical Product and Company

Code	Description	Size	Colour
46000	Mr Gorilla Paint & Glue Wipes	50pk	

Recommended use:			
Supplier contact details:	Holdfast NZ Ltd	Freephone: 0800 70 10 80	
	14 Avalon Drive	Phone: (07) 847 5540	
	Nawton	Fax: (07) 847 0324	
	Hamilton 3200	Email: sales@holdfast.co.nz	
	New Zealand	Website: www.holdfast.co.nz	
POISON CENTRE NUMBER: 0800 764 766 (24 hours)			

Section 2 – Hazard Identification
Statement of Hazardous Nature

This product is classified as:

HAZARDOUS SUBSTANCE according to the criteria of HSNO.

NOT REGULATED under NZS5433:2007 Transport of Dangerous Goods on Land

Hazardous Substances and New Organisms (HSNO) classification:

Classification		Hazard statements	
Skin Effects Cat 3	6.3B	H316	Causes skin irritation
Eye Effects Cat 2	6.4A	H319	Causes serious eye irritation
Skin Sensitisation Cat 1	6.5B	H317	May cause an allergic skin reaction
Aquatic Toxicity Chronic Cat 3	9.1C	H412	Harmful to aquatic life with long lasting effects

HSNO Signal Word :

WARNING

Precautionary Statements:

P260 Wear protective gloves/ protective clothing/ eye protection/ face protection

P261 Avoid breathing fumes

P272 Contaminated work clothing should not be allowed out of the workplace

P273 Avoid release to the environment

Section 3 - Composition/Information on Ingredients

Ingredient	CAS No.	Individual HSNO classification	Concentration (% by Wt.)
2-propanol	67-63-0	Flammable Liquid Category 2; Acute Toxicity (oral) Category 5; Skin Effects Category 2; Eye Effects Category 2	8 %
Ethanol	64-17-5	Flammable Liquid Category 2; Eye Effects Category 2	5 %

2-propanol, 1-propoxy-	1569-01-3	Flammable Liquid Category 3; Acute Toxicity (oral) Category 5; Acute Toxicity (dermal) Category 5; Skin Effects Category 2; Eye Effects Category 2	5 %
D-limonene	5989-27-5	Flammable Liquid Category 3; Acute Toxicity (oral) Category 5; Skin Effects Category 3; Eye Effects Category 2; Skin Sensitisation Category 1; Aquatic Toxicity (acute) Category 1; Aquatic Toxicity (Chronic) Category 1; Terrestrial Toxicity Category 2	2 %
Ingredients not contributing to classification			balance

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 – First Aid Measures

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Eye contact:

Generally not applicable

Skin contact:

Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation

Inhalation:

If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.

Ingestion:

Generally not applicable

General advice and advice for physicians:

Treat symptomatically.

Section 5 - Fire-Fighting Measures

Extinguishing media:

Foam, Carbon Dioxide, Dry Powder

Fire/ Explosion Hazard

WARNING: In use may form flammable/ explosive vapour-air mixtures. Combustible. Will burn if ignited. Articles and manufactured articles may constitute a fire hazard where polymers form their outer layers or where combustible packaging remains in place. Certain substances, found throughout their construction, may degrade or become volatile when heated to high temperatures. This may create a secondary hazard. **WARNING:** Long standing in contact with air and light may result in the formation of potentially explosive peroxides.

Advice for fire-fighters:

Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water courses. Use water delivered as a fine spray to control fire and cool adjacent area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use. Slight hazard when exposed to heat, flame and oxidisers.

Section 6 - Accidental Release Measures

Personal precautions:

Clear are of personnel and move upwind, avoid breathing vapour
Remove all ignition sources

Environmental precautions:

Use appropriate containment to avoid environmental contamination.

Methods for cleaning up:

Carefully collect the spill/leftovers
Clean contaminated surfaces with an excess of water
Take collected spill to manufacturer/competent authority
Wash clothing and equipment after handling

Disposal:

Collect treated spillage. Contact local and regional authorities for further directions.

Section 7 - Handling and Storage

Handling:

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. **DO NOT enter confined spaces until atmosphere has been checked. DO NOT allow material to contact humans, exposed food or food utensils.** Avoid contact with incompatible materials. **When handling, DO NOT eat, drink or smoke.** Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

Storage:

Store in original containers. Make sure that containers of this product are kept tightly closed. Keep containers of this product in a well ventilated area. Keep away from ignition sources

Section 8 - Exposure Controls/Personal Protection

Exposure limits:



CAS no.	Substance or ingredient	WES-TWA		WES-STEL	
67-63-0	Isopropanol	983 mg/m ³	(400 ppm)	1230 mg/m ³	(500 ppm)
64-17-5	Ethanol	1880 mg/m ³	(1000 ppm)		

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Engineering Controls:

Articles or manufactured items, in their original condition, generally don't require engineering controls during handling or in normal use. Exceptions may arise following extensive use and subsequent wear, during recycling or disposal operations where substances, found in the article, may be released to the environment. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in specific circumstances. If risk of overexposure exists, wear approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas. Air contaminants generated in the workplace possess varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating air required to effectively remove the contaminant.

Exposure controls:

Control	Protective measure
Eye	Safety glasses with side shields. Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent] No special equipment required due to the physical form of the product. 
Respiratory	Respiratory protection not normally required to the physical form of the product
Skin	Nitril+PVC. Avoid skin contact. If skin contact or contamination of clothing is likely, protective clothing should be worn. [AS 2161] Wear protective clothing. 

Section 9 - Physical and Chemical Properties

General substance properties:

Property	Details
Appearance	White non-woven wipes
Odour	Lemon/ alcohol
pH	6.5
Vapour pressure	No data
Vapour Density	> 1 heavier than air
Viscosity	Not applicable
Boiling Point	> 82 °C
Volatile materials	No data
Water solubility	miscible
Freezing/melting point	No data.
Specific gravity/density	0.95 g/ml
Flash point	No data
Auto-ignition temperature	No data
Upper and lower flammability limits	Lower % Upper %
Corrosiveness	No data.

Section 10 - Stability and Reactivity

Stability:

Stable under normal conditions.

Conditions to avoid:

Ignition sources

Incompatible materials to avoid:

Avoid oxidising agents (nitrates, oxidising acids, chlorine bleaches, pool chlorine etc) as ignition may result

Hazardous decomposition products:

Combustion products include: carbon monoxide (CO), carbon dioxide (CO₂) other pyrolysis products typical of burning organic material. May emit corrosive fumes.

Section 11 - Toxicological Information

Summary of Toxicity

Test	Data and symptoms of exposure
Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product

Oral	The material has NOT been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.
Dermal	Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons.
Eye	This material can cause eye irritation and damage in some persons.
Chronic	Skin contact with the material is more likely to cause a sensitisation reaction in some persons compared to the general population. There has been some concern that this material can cause cancer or mutations but there is not enough data to make an assessment. In the presence of air, a number of common flavour and fragrance chemicals can form peroxides surprisingly fast. Antioxidants can in most cases minimise the oxidation.

2-propanol	LD ₅₀ Rat oral	5000 mg/kg
	LD ₅₀ Rabbit dermal	12792 mg/kg
	LC ₅₀ Rat inhalation	72.6 mg/Lt/4hr
Ethanol	LD ₅₀ Rat oral	1187 mg/kg
	LD ₅₀ Rabbit dermal	17100 mg/kg
	LC ₅₀ Rat inhalation	64000 ppm/Lt/4hr
2-propanol-1-propoxy-	LD ₅₀ Rat oral	2502 mg/kg
	LD ₅₀ Rabbit dermal	3.17 mg/kg
D-Limonene	LD ₅₀ Rat oral	>2000 mg/kg
	LD ₅₀ Rabbit dermal	>5000 mg/kg

Section 12 - Ecological Information

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters. Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

Section 13 - Disposal Considerations

Recycle wherever possible or consult manufacturer for recycling options. Consult Land Waste Management Authority for disposal. Recycle wherever possible or consult manufacturer for recycling options. Consult Land Waste Authority for disposal. Bury or incinerate residue at an approved site. Recycle containers if possible, or dispose of in an authorised landfill. Ensure that the disposal of material is carried out in accordance with Hazardous Substances (Disposal) Regulations 2001.

Section 14 - Transport Information

NOT REGULATED

Section 15 - Regulatory Information

HSNO approval number and Group Standard:

HSR002530 Cleaning products (Subsidiary Hazard)

Group Standard conditions and other regulations:

Condition	Requirement
SDS	Safety data sheet must be available to a person handling the substance within 10 minutes.
Emergency plan	Not required
Approved handler	Not required
Tracking	Not applicable

Bunding and secondary containment	Not applicable
Signage	Required when present in quantity 10,000 L.
Test certificate	Not required
Hazardous Atmosphere zone	Not required
Fire extinguisher	Not required

Isopropanol (CAS 67-63-0) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs"
- New Zealand Workplace Exposure Standards (WES)
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

Ethanol (CAS 64-17-5) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Workplace Exposure Standards (WES)
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

2-propnaol, 1-propoxy- (CAS 1569-01-3) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

D-limonene (CAS 5989-27-5) is found on the following regulatory lists

- New Zealand Inventory of Chemicals (NZIoC)
- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals"

Section 16 – Other Information

Revision History

March 2017	updated data
January 2015	origination

Abbreviations:

Abbreviation	Description
CAS number	Number assigned to chemical in the Chemical Abstracts Service registry
HAZCHEM code	Code used by fire-fighters to determine correct method of action in the case of fire
HSNO	Hazardous Substances and New Organisms (Act)
ICAO Technical Instructions	International Civil Aviation Organization Technical Instructions
IMDG code	International Maritime Dangerous Goods code controlled by the International Maritime Organization (IMO)
LC ₅₀	Lethal concentration 50% - concentration fatal to 50% of the tested population
LD ₅₀	Lethal dose 50% - dose fatal to 50% of the tested population
NZS 5433	New Zealand Standard 5433 (Standard for the Transport of Dangerous Goods on Land)
SDS	Safety data sheet
STEL	Short term exposure limit
TWA	Time weighted average (typically measured as 8 hours)
UN number	United nations number

WES	Workplace exposure standard
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References

Chemical properties and HSNO classifications derived from the New Zealand chemical classification information database (CCID). www.epa.govt.nz.
Workplace exposure limits derived from Workplace Exposure Standards and Biological Exposure Indices 7th Edition. www.mbie.govt.nz.

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other material or in any process, unless specified in the text.

This SDS was prepared by Collievale Enterprises in accord with the EPA "Code of Practice for the Preparation of Safety Data Sheets" [HSNOCOP 8-1 (2006)]
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End of MSDS