

Section 1 – Identification

Product Name – GARD EV60

Product Name:	GARD EV60
Other Means of Identification:	Mixture
Recommended Use of the Chemical & Restriction on Use:	Hot melt cleaner
Details of Manufacturer/Importer:	Packaging Adhesive Equipment Consultants & Solutions Pty Ltd
Address:	Unit 9, 12 Billabong Street, Stafford, QLD 4053, Australia
Telephone:	+61 7 3352 3909
Emergency Telephone:	Poison Information Centre – 13 11 26

Section 2 – Hazard(s) Identification

Hazardous Nature

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition), IATA and IMDG/IMSBC.



health hazard

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.


Signal Word:	Danger
Hazard Statements:	H304 May be fatal if swallowed and enters airways.
Precautionary Statements:	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

Section 3 – Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 64742-47-8	Distillates (petroleum), hydrotreated light	 Aspiration Hazard 1, H304	10-30%
-----------------	---	---	--------

Section 4 – First Aid Measures

Product Name – GARD EV60

Inhalation:	If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.
Skin Contact:	In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation develops and persists.
Eye Contact:	In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion:	If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Seek immediate medical attention.
Symptoms Caused by Exposure:	
Inhalation:	May cause respiratory irritation.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion:	May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, diarrhoea, and vomiting.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media:
Water fog, foam, dry chemical or carbon dioxide. Do not use solid water jet.

Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon and smoke.
Product is not flammable. However, it may burn in a larger fire.
Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.
Minimise run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard.
Ensure adequate ventilation.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.
Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

Section 7 – Handling and Storage

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours or spray mists.
Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Section 7 – Handling and Storage (Con't.)

Product Name – **GARD EV60**

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container, tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from oxidising agents and acids.

Section 8 - Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use an approved full face supplied air respirator if high airborne concentrations of the material are present.

See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Gloves resistant to aliphatic hydrocarbons. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

Section 9 – Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	Clear
Odour:	Solvent-like
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	180 - 240 °C
Flash Point:	No information available
Flammability (solid, gas):	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density at 15 °C:	0.76

Section 9 – Physical and Chemical Properties (Con't) Product Name – GARD EV60

Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions:	No dangerous reactions known under conditions of normal use.
Chemical Stability:	Stable at ambient temperature and under normal conditions of storage and use.
Conditions to Avoid:	Heat, sparks, open flames and other sources of ignition.
Incompatible Materials:	Strong oxidising agents and strong acids.
Hazardous Decomposition Products:	Oxides of carbon and smoke.

Section 11 – Toxicological Information

Toxicity:

LD50/LC50 Values:		
CAS: 64742-47-8 Distillates (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (Rattus norvegicus (rat))
	LD50	2,000-4,000 mg/kg (Rattus norvegicus (rat))
		2,000-4,000 mg/kg (Oryctolagus cuniculus (rabbit))
Inhalation	LC50/4 h	5.2 mg/l (Rattus norvegicus (rat))

Acute Health Effects

Inhalation:	May cause respiratory irritation.
Skin:	May cause skin irritation.
Eye:	May cause eye irritation.

Ingestion: May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, diarrhoea, and vomiting.

Skin Corrosion / Irritation:	Based on classification principles, the classification criteria are not met.
Serious Eye Damage / Irritation:	Based on classification principles, the classification criteria are not met.
Respiratory or Skin Sensitisation:	Based on classification principles, the classification criteria are not met.
Germ Cell Mutagenicity:	Based on classification principles, the classification criteria are not met.
Carcinogenicity:	Based on classification principles, the classification criteria are not met.
Reproductive Toxicity:	Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Chronic Health Effects:

Repeated and prolonged occupational overexposure to solvents may result in permanent brain and nervous system damage. Overexposure may result in light headedness, staggering gait, giddiness, and possible nausea. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Existing Conditions Aggravated by Exposure: No information available.

Section 12 – Ecological Information

Product Name – **GARD EV60**

Ecotoxicity:

Aquatic toxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

CAS: 64742-47-8 Distillates (petroleum), hydrotreated light	
EC50/48 h	1.4 mg/l (Daphnia magna (water flea))
EC50/72 h	1 mg/l (Pseudokirchneriella subcapitata (algae))
LC50/96 h	25 mg/l (Oncorhynchus mykiss (rainbow trout))

Persistence and Degradability:

No data available on finished product.

Bioaccumulative Potential:

No data available on finished product.

Mobility in Soil:

No data available on finished product.

Other adverse effects:

No further relevant information available.

Section 13 – Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

Section 14 – Transport Information

UN Number:

Not regulated

Proper Shipping Name:

Not regulated

Dangerous Goods Class:

Not regulated

Packing Group:

Not regulated

Section 15 – Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

Section 16 – Other Information

Date of Preparation or Last Revision: 18.05.2023

Prepared by: MSDS.COM.AU Pty Ltd

www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Aspiration Hazard 1: Aspiration hazard – Category 1



A Unit 9, 12 Billabong Street
Stafford QLD Australia
T +61 7 3352 3909
E info@pacsolutions.com.au
ABN 39 083 322 141

Safety Data Sheet

Page 6 of 6

Section 16 – Other Information (Con't.)

Product Name – **GARD EV60**

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”.

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Packaging Adhesive Equipment Consultants & Solutions Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.