PAC SOLUTIONS
Packaging Adhesive Equipment Consultants & Solutions Pty Ltd

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

Section 1 – Identification — Product Name – Gardex

Product Name:	Gardex
Other Means of Identification:	Mixture
Recommended Use of the Chemical & Restriction on Use:	Hot melt anti-adhesion compound
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:
Not 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.
The product is not classified, according to the Globally Harmonised System (GHS).

Signal Word	None
Hazard Statements	None

Section 3 – Composition and Information on Ingredients

Chemical Characterization:	Mixtures
Description:	Mixture of substances listed below with nonhazardous additions.
Hazardous	Components: None
Non Hazardous Components:	Ingredients determined to be non-hazardous 100%

Section 4 – First Aid Measures

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.
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. Seek medical attention if feeling unwell.
Symptoms Caused by Exposure:	
Inhalation:	May cause respiratory irritation.
Skin Contact:	May cause skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion:	May cause gastrointestinal irritation, nausea, diarrhoea, and vomiting

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Section 5 – Fire Fighting Measures Product Name – Gardex

Suitable Extinguishing Media:	Carbon dioxide (CO_2), dry chemical or foam. Do not use solid water stream.
Specific Hazards Arising from the Chemical:	Hazardous combustion products include oxides of carbon and formaldehyde. Product is not flammable. 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.
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:	Wipe up small spills with a paper towel or dry rag. Clean up all spills immediately, since spilled materials, even in small quantities, may present a slip hazard. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Decontaminate spill area with water and detergents.

Section 7 – Handling and Storage

Precautions for Safe Handling:	Use of safe work practices are recommended to avoid eye or skin contact. 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.
Conditions for Safe Storage:	Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use.

Section 8 – Exposure Controls & 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:	Ensure adequate ventilation of the working area.
Respiratory Protection:	Respiratory protection is not required under normal use conditions.
Skin Protection:	Protective gloves. 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:	Eye protection is not required under normal use conditions. In case of spill or leakage wear safety glasses for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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Section 9 –Physical and Chemical Properties Product Name – Gardex

Appearance:	
Form:	Paste
Colour:	Translucent, white
Odour:	Odourless
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	>300 °C
Flammability (solid, gas):	Not applicable
Auto-ignition Temperature:	450 °C
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	approx. 1.0
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Insoluble
Solubility in Solvents:	Soluble in chlorinated hydrocarbons, white spirit, and some aliphatic hydrocarbons.
Partition Coefficient (n-octanol/water):	No information available

Section 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:	None known.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	Oxides of carbon and formaldehyde.

Section 11 – Toxilogical Information

Toxicity:

Acute Health Effects

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

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Section 11 – Toxilogical Information (con't)	Product Name – Gardex
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:	Based on classification principles, the classification criteria are not met.
Chronic Health Effects:	No information available
Existing Conditions Aggravated by Exposure:	No information available.

Section 12 – Ecological Information

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.
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 components are on the inventory, or in compliance with the inventory.
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:	Not a scheduled poison.

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Section 16 – Other Information **Product Name – Gardex**

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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)
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)

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".
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