Section 1 – Identification of the Material and Supplier

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Chemical Nature:	Hot Melt Adhesive
Trade Name:	Heatspek MAX 5000
Product Use:	Packaging and Assembly
Creation Date:	January 2026
This version was issued:	January 2026 and is valid for 5 years from this date
Poisons Information Centre:	Call 13 11 26 from anywhere in Australia

Section 2 – Hazards Identification

2.1 Statement of Hazardous Nature

This product is not classified as hazardous according to the SWA criteria. This product is not a dangerous good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

SUSMP Classification	None allocated.
ADG Classification	None allocated. Not a Dangerous Good according to the Australian Dangerous Good (ADG) Code, IATA or IMDG/IMSBC criteria.
UN Number	None allocated.
GHS Signal Word	None - not hazardous.

Prevention	
P262	Do not get in eyes, on skin, or on clothing
P264	Wash contacted areas thoroughly after handling
P281	Use personal protective equipment as required

Response	
P362	Do not get in eyes, on skin, or on clothing
P301, PP330, P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P370, P378	In case of fire, use carbon dioxide, dry chemical, foam, water fog

Storage	
P402, P404	Store in a dry place. Store in a closed container
P403, P235	Store in a well-ventilated place. Keep cool

Disposal	
P501	If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS)

Section 3 – Composition & Information on Ingredients

Physical Description & Colour	Solid white granules
Odour	Low Odour
Major Health Hazards	No significant risk factors have been found for this product.
Ingredients	Mixture of copolymer of ethylene and octocene, resins and waxes (concentration, 100%)
TWA (mg/m3)	Not set
STEL (mg/m3)	Not set

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

Section 4 – First Aid Measures

4.1 Description of first aid measures
General information:
You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.
Inhalation: No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

4.2 Skin Contact:
Gently brush away excess particles. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

4.3 Eye Contact:
Quickly and gently brush particles from eyes. No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

4.4 Ingestion:
If nausea or gastric upset develops, remove individual to rest area and monitor. If symptoms get worse or if individual becomes distressed, do NOT induce vomiting; contact the Poisons Information Centre or a doctor.

Section 5 – Fire Fighting Measures

5.1 Fire and Explosion Hazards::
The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

5.2 Extinguishing Media:
In case of fire, use carbon dioxide, dry chemical, foam or water fog. Avoid the use of high-pressure water jet.

5.3 Fire Fighting:
If a significant quantity of this product is involved in a fire, call the fire brigade.

5.4 Flash point:
>200°C

5.5 Upper Flammability Limit:
No data

5.6 Lower Flammability Limit:
No data

5.7 Autoignition temperature:
No data

5.8 Flammability Class:
No data

Section 6 – Accidental Release Measures

6.1 Accidental release
Minor spills do not normally need any special clean-up measures:
In the event of a major spill, prevent spillage from entering drains or water courses.
As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that dusts are likely to build up in clean-up area, we recommend that you use a suitable dust mask.

6.2 Stop leak if safe to do so and contain spill:
Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 – Handling and Storage

7.1 Precautions for safe handling
Handling:
Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

7.2 Storage
Store packages of this product in a cool place. Keep containers dry and away from water. Keep away from heat and flame. Keep away from sources of ignition such as sparks and open flames. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 – Exposure Controls and Personal Protection

8.1 The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment:	**AS/NZS 1715**
Protective Gloves:	**AS 2161**
Occupational Protective Clothing:	**AS/NZS 4501** set 2008
Industrial Eye Protection:	**AS1336** and **AS/NZS 1337**
Occupational Protective Footwear:	**AS/NZS2210**

Exposure limits have not been established by SWA for this product.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

8.2 Ventilation:
This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

8.3 Eye Protection:
Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

8.4 Skin Protection:
The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

8.5 Protective Material Types:
There is no data that enables us to recommend any type except that it should be impermeable.

8.6 Respirator:
If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Otherwise, not normally necessary.

Section 9 – Physical and Chemical Properties

9.1

Physical Description & colour:	Solid white granules.
Odour:	Low odour.
Boiling Point:	Not available.
Freezing/Melting Point:	No specific data. Solid at normal temperatures.
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	Not applicable.
Specific Gravity:	0.92-0.98
Water Solubility:	Insoluble.
pH:	No data.
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	Not applicable.
Coeff Oil/water Distribution:	No data
Viscosity:	Not applicable.
Autoignition temp:	No data.

Section 10 – Stability and Reactivity

10.1 Reactivity:
This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

10.2 Conditions to avoid:
This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep away from heat, flames and sparks. Keep away from sources of sparks or ignition.

10.3 Incompatible materials:
Strong oxidising agents.

10.4 Fire Decomposition:
Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

10.5 Polymerisation:
Polymerisation reactions are unlikely and not expected to occur.

Section 11 – Toxicological Information

11.1 Target Organs:
There is no data to hand indicting any particular target organs.

11.2 Classification of Hazardous Ingredients:
No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

11.3 Potential Health Effects

Inhalation:

Short Term Exposure	Available data indicates that this product is not harmful. However, product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.
Long Term Exposure	No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure	Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be mildly irritating but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases
Long Term Exposure	No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure	This product may be mildly irritating to eyes but is unlikely to cause anything more than mild discomfort which should disappear once product is removed.
Long Term Exposure	No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure	Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. However, this product may be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.
Long Term Exposure	No data for health effects associated with long term ingestion.

11.4 Carcinogen Status:
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 – Ecological Information

Insufficient data to be sure of status.

Section 13 – Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

Section 14 – Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 – Regulatory Information

AICS: This product is compliant with NICNAS regulations.

Section 16 – Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

Heatspek MAX 5000

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY, SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (December 2011)

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