



Safety Data Sheet

Page 1 of 5

TECHNOMELT 4126

MSDS-No. : 319633

V001.5

Date of issue: 20.10.2015

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: TECHNOMELT 4126

Intended use: Hotmelt adhesive

Supplier:

Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture

Not hazardous according to the criteria of Safe Work Australia.

Dangerous Goods information:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:

None

Section 3. Composition / information on ingredients

General chemical description: Mixture
Vinyl acetate-ethylene copolymer

Type of preparation: Hotmelt adhesive

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Rosin ester~		30 - 60 %
Ethylene-Vinyl acetate copolymer	24937-78-8	30 - 60 %
non hazardous ingredients~		< 30 %

Section 4. First aid measures

Ingestion:	Do not induce vomiting, seek medical advice immediately.
Skin:	Molten product. After skin contact cool down immediately with cold water. Do not remove adherent product. Seek medical advice.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary. If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
Inhalation:	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.

Section 5. Fire fighting measures

Suitable extinguishing media:	Dry chemical, carbon dioxide (CO ₂) foam or water spray.
Improper extinguishing media:	High pressure waterjet
Decomposition products in case of fire::	Irritating smoke, carbon monoxide, and carbon dioxide. Oxides of carbon.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Section 6. Accidental release measures

Personal precautions:	Avoid contact with skin and eyes. See advice in section 8
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	Sweep up or gather material and place in appropriate container for disposal.

Section 7. Handling and storage

Precautions for safe handling:	See advice in section 8 Always be careful around molten material.
Conditions for safe storage:	Store in a cool place in closed original container.

Section 8. Exposure controls / personal protection

National exposure standards:

None

Engineering controls:	Ensure good ventilation/suction at the workplace.
Eye protection:	Wear protective glasses with side-pieces.
Skin protection:	Wear suitable protective clothing. Use protective gloves.
Respiratory protection:	If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

Appearance:	Amber Translucent
Odor:	characteristic
Melting point / freezing point:	80 - 120 °C (176 - 248 °F)
Flash point:	> 200 °C (> 392 °F)

Section 10. Stability and reactivity

Stability:	Stable under normal conditions of temperature and pressure.
Conditions to avoid:	None if used for intended purpose.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Thermal decomposition may produce irritating smoke, carbon monoxide, and carbon dioxide.

Section 11. Toxicological information

Health Effects:

Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
Molten adhesive may cause severe burns.

Skin: Contact with molten material may cause thermal burns.

Eyes: Molten adhesive in eyes will cause severe and permanent damage.

Inhalation: Molten resin vapor or fumes may cause minor irritation of the respiratory tract. These vapors or fumes may cause sensitization and the development of an asthmatic reaction in certain individuals.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Ethylene-Vinyl acetate copolymer 24937-78-8	LD50	> 5,000 mg/kg	oral		rat	EU Method B.1 (Acute Toxicity (Oral))

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethylene-Vinyl acetate copolymer 24937-78-8	not irritating		rabbit	EU Method B.4 (Acute Toxicity: Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Ethylene-Vinyl acetate copolymer 24937-78-8	not irritating		rabbit	EU Method B.5 (Acute Toxicity: Eye Irritation / Corrosion)

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Section 13. Disposal considerations

Waste disposal of product: Dispose of waste and residues in accordance with local authority requirements.
Dispose of the material in an approved industrial waste landfill.

Section 14. Transport information**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

Section 15. Regulatory information

SUSMP Poisons Schedule	None
AICS:	All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

Abbreviations/acronyms:	ADGC - Australian Dangerous Goods Code ASCC - Australian Safety and Compensation Council SUSDP - Standard for the Uniform Medicines of Drugs and Poisons
Reason for issue:	Reviewed MSDS. Reissued with new date. involved chapters: 1-16
Date of previous issue:	02.06.2011
Disclaimer:	<p>The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material. The information contained in the Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel Australia Pty. Limited assumes no legal responsibility for reliance upon same. Henkel Australia Pty. Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Safety Data Sheet. This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by either Commonwealth or State statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.</p>