



Safety Data Sheet

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TECHNOMELT 4114 known as Technomelt 4114 15KG

SDS No. : 488929

V001.2

Date of issue: 05.07.2021

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

Product name: TECHNOMELT 4114 known as Technomelt 4114 15KG

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.

No classification required.

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).

Section 3. Composition / information on ingredients

Identity of ingredients:

Does not contain ingredients or impurities which contribute to hazard classification.

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.
First Aid facilities:	Eye wash and safety shower Normal washroom facilities
Medical attention and special treatment:	Treat symptomatically and supportively.

Section 5. Fire fighting measures

Suitable extinguishing media:	Dry chemical, carbon dioxide (CO2) 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:	Goggles which can be tightly sealed. Use of a full face shield is recommended.
Skin protection:	Protective clothing that covers arms and legs. Wear heat resistance gloves while working with the hot melt (EN 407).
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:	Pale yellow solid
Odor:	mild
Density:	0.97 - 0.98 g/cm ³
Solubility in water:	Insoluble
Viscosity (dynamic): (; 180 °C (356 °F); Method: Supplier method)	15,000 - 17,000 mPa.s

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.
Hazardous polymerization:	Will not occur.

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: May cause mild skin irritation.**Eyes:** May cause mild irritation**Inhalation:** Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.**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	OECD Guideline 401 (Acute Oral Toxicity)
Petroleum resins 64742-16-1	LD50 LD50	> 5,000 mg/kg > 2,000 mg/kg	oral dermal		rat rabbit	equivalent or similar to OECD Guideline 420 (Acute Oral Toxicity) EPA OTS 798.1100 (Acute Dermal Toxicity)
Resin acids and Rosin acids, esters with pentaerythritol 8050-26-8	LD50 LD50	> 2,000 mg/kg > 2,000 mg/kg	oral dermal		rat rat	OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) OECD Guideline 402 (Acute Dermal Toxicity)
Pentaerythritol tetrakis[(3,5-di-tert-butyl- 4- hydroxyphenyl)propionat e] 6683-19-8	LD50 LC50 LD50	> 5,000 mg/kg > 1.951 mg/l > 3,160 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity) equivalent or similar to OECD Guideline 403 (Acute Inhalation Toxicity) not specified

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)
Pentaerythritol tetrakis[(3,5-di-tert-butyl- 4- hydroxyphenyl)propionat e] 6683-19-8	not irritating	24 h	rabbit	Draize Test

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)
Pentaerythritol tetrakis[(3,5-di-tert-butyl- 4- hydroxyphenyl)propionat e] 6683-19-8	not irritating		rabbit	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation/ Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Pentaerythritol tetrakis[(3,5-di-tert-butyl- 4- hydroxyphenyl)propionat e] 6683-19-8	not sensitising	Maurer optimisati on test	guinea pig	equivalent or similar to OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study/ Route of administration	Metabolic activation/ Exposure time	Species	Method
Pentaerythritol tetrakis[(3,5-di-tert-butyl- 4-hydroxyphenyl)propionate] 6683-19-8	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Pentaerythritol tetrakis[(3,5-di-tert-butyl- 4-hydroxyphenyl)propionate] 6683-19-8	negative	oral: gavage		hamster	equivalent or similar to OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

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.

Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.
Dispose of in accordance with local and national regulations.

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).

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

Section 15. Regulatory information

SUSMP Poisons Schedule None

AIC: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICIS).

Section 16. Other information

Abbreviations/acronyms:

ADGC - Australian Dangerous Goods Code
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
STEL - Short term exposure limit
TWA - Time weighted average
AIIC - Australian Inventory of Industrial Chemicals (AIIC)
AICIS - Australian Industrial Chemicals Introduction Scheme

Reason for issue:

Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

Date of previous issue:

20.05.2016

Disclaimer:

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