



Safety Data Sheet

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TECHNOMELT SUPRA COOL 300 AU 15KG

SDS No. : 495999

V001.3

Date of issue: 22.08.2023

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

Product name: TECHNOMELT SUPRA COOL 300 AU 15KG

Intended use: Hotmelt adhesive

Supplier:

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

Phone: +61 (3) 9724 6444

Emergency Telephone for Chemical Accidents: 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.

GHS Classification:

No classification required.

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

General chemical description: Mixture
Hydrocarbon polymer
Synthetic resin

Type of preparation: Hotmelt adhesive

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
1-Octene, polymer with ethene	26221-73-8	10- < 30 %
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10- < 30 %
1-Hexene, polymer with ethene	25213-02-9	10- < 30 %
non hazardous ingredients~		30- <= 60 %

Section 4. First aid measures

Ingestion:	Rinse mouth, do not induce vomiting, consult a doctor.
Skin:	Rinse with running water. 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.
Inhalation:	Move to fresh air.
First Aid facilities:	Normal washroom facilities Eye wash
Medical attention and special treatment:	Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media:	All common extinguishing agents are suitable.
Improper extinguishing media:	High pressure waterjet
Decomposition products in case of fire:	carbon oxides. Acrid smoke and fumes.
Special protective equipment for fire-fighters:	Wear protective equipment. Wear self-contained breathing apparatus.

Section 6. Accidental release measures

Personal precautions:	See advice in section 8
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	Dispose of contaminated material as waste according to Section 13. Scrape or shovel material into recovery container.

Section 7. Handling and storage

Precautions for safe handling:	Ensure that workrooms are adequately ventilated.
Conditions for safe storage:	Keep container tightly sealed.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
NUISANCE DUSTS, INHALABLE DUST 26221-73-8	Inhalable dust.		10				
Paraffin wax (fume) 8002-74-2	Fume.		2				
NUISANCE DUSTS, INHALABLE DUST 25213-02-9	Inhalable dust.		10				

Engineering controls:

Ensure good ventilation/extraction.

Eye protection:

Wear chemical goggles.

Skin protection:

Use of protective coveralls and long sleeves is recommended.
Wear heat resistance gloves while working with the hot melt (EN 407).
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

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:	white solid
Odor:	Negligible
Melting point / freezing point:	110 °C (230 °F)
Specific gravity:	0.9800
Flash point:	> 210 °C (> 410 °F)
Solubility in water:	Not soluble

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:	Oxidizing agents.
Hazardous decomposition products:	In case of fire toxic gases can be released. Oxides of carbon.
Hazardous polymerization:	Will not occur.

Section 11. Toxicological information

Health Effects:

Ingestion:	May cause irritation of the stomach
Skin:	Molten adhesive may cause severe burns.
Eyes:	Rubbing may cause abrasion of cornea.
Inhalation:	Fumes released during thermal processing may irritate respiratory system, skin and eyes.

Aggravated med. condition:	None known
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Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
1-Octene, polymer with ethene 26221-73-8	LD50 LD50	> 5,000 mg/kg > 2,000 mg/kg	oral dermal		rat rabbit	not specified not specified
Paraffin waxes and Hydrocarbon waxes 8002-74-2	LD50 LD50	> 5,000 mg/kg > 2,000 mg/kg	oral dermal		rat rat	OECD Guideline 420 (Acute Oral Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
1-Hexene, polymer with ethene 25213-02-9	LD50 LD50	> 5,000 mg/kg > 2,000 mg/kg	oral dermal		rat rabbit	not specified not specified

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Paraffin waxes and Hydrocarbon waxes 8002-74-2	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Paraffin waxes and Hydrocarbon waxes 8002-74-2	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
Paraffin waxes and Hydrocarbon waxes 8002-74-2	not sensitising	Guinea pig maximisation test	guinea pig	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
Paraffin waxes and Hydrocarbon waxes 8002-74-2	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	negative	intraperitoneal		mouse	equivalent or similar to OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Paraffin waxes and Hydrocarbon waxes 8002-74-2	NOAEL=1,500 mg/kg	oral: feed	90 d	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Section 12. Ecological information**General ecological information:**

Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
1-Octene, polymer with ethene 26221-73-8	LC50	> 100 mg/l	Fish		Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
1-Octene, polymer with ethene 26221-73-8	EC50	> 100 mg/l	Algae		Selenastrum capricornutum (new name: Pseudokirchneriella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	LC50	> 100 mg/l	Fish	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	EC50	> 10,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	NOEC	> 100 mg/l	Algae	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	EC50	> 100 mg/l	Algae	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	EC0	> 100 mg/l	Bacteria	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
1-Octene, polymer with ethene 26221-73-8	not readily biodegradable.	aerobic	6.6 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	not readily biodegradable.	aerobic	> 0 - < 60 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Section 13. Disposal considerations

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: Collection and delivery to recycling enterprise or other registered elimination institution.

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 Industrial Chemicals or Introduced under 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
AIC - Australian Inventory of Industrial Chemicals (AIC)
AICIS - Australian Industrial Chemicals Introduction Scheme

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Disclaimer:

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.

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