



Safety Data Sheet

TECHNOMELT SUPRA 501 known as Technomelt Supra COOL
501 20KG

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MSDS-No. : 439555

V001.3

Date of issue: 05.11.2015

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

Product name: TECHNOMELT SUPRA 501 known as Technomelt Supra COOL 501 20KG

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.

Classification of material Not required according to the regulations.

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

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10- 30 %
non hazardous ingredients~		60- 100 %

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:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
PARAFFIN WAX (FUME) 8002-74-2	Fume.		2	-	-	-	-

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 refractive gloves while working with the hot melt.
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:	Petroleum
Specific gravity:	0.94 - 0.96
Flash point:	> 250 °C (> 482 °F)
Solubility in water:	Insoluble

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:

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
Paraffin waxes and Hydrocarbon waxes 8002-74-2	LD50 LD50	> 5,000 mg/kg > 2,000 mg/kg	oral dermal		rat rabbit	

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
Paraffin waxes and Hydrocarbon waxes 8002-74-2	LC50	> 100 mg/l	Fish	96 h	Daphnia magna	OECD Guideline 203 (Fish, Acute Toxicity Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	EC50	> 10,000 mg/l	Daphnia	48 h		OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	NOEC	> 100 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	EC50	> 100 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
Paraffin waxes and Hydrocarbon waxes 8002-74-2	EC0	> 100 mg/l	Bacteria	30 min		DIN 38412, part 27 (Bacterial oxygen consumption test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Paraffin waxes and Hydrocarbon waxes 8002-74-2		aerobic	0 - 60 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Paraffin waxes and Hydrocarbon waxes 8002-74-2	> 4					

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.
- 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).

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
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
STEL - Short term exposure limit
TWA - Time weighted average
- Reason for issue:** Reviewed SDS. Reissued with new date. involved chapters: 1 - 16
- Date of previous issue:** 05.11.2010
- Disclaimer:**

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