



## Safety Data Sheet

TECHNOMELT SUPRA 501 known as Technomelt Supra COOL  
501 20KG

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SDS No. : 439555

V001.4

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### 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.

**GHS Classification:**

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).

### Section 3. Composition / information on ingredients

**General chemical description:** Mixture

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
1-Octene, polymer with ethene	26221-73-8	30- < 60 %
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10- < 30 %
non hazardous ingredients~		30- 100 %

#### Section 4. First aid measures

<b>Ingestion:</b>	Do not induce vomiting, seek medical advice immediately.
<b>Skin:</b>	Molten product. After skin contact cool down immediately with cold water. Do not remove adherent product. Seek medical advice.
<b>Eyes:</b>	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.
<b>Inhalation:</b>	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.
<b>First Aid facilities:</b>	Eye wash and safety shower Normal washroom facilities
<b>Medical attention and special treatment:</b>	Treat symptomatically and supportively.

#### Section 5. Fire fighting measures

<b>Suitable extinguishing media:</b>	Dry chemical, carbon dioxide (CO2) foam or water spray.
<b>Improper extinguishing media:</b>	High pressure waterjet
<b>Decomposition products in case of fire:</b>	Irritating smoke, carbon monoxide, and carbon dioxide. Oxides of carbon.
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

#### Section 6. Accidental release measures

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

#### Section 7. Handling and storage

<b>Precautions for safe handling:</b>	See advice in section 8 Always be careful around molten material.
<b>Conditions for safe storage:</b>	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)
NUISANCE DUSTS, INHALABLE DUST 26221-73-8	Inhalable dust.		10				
PARAFFIN WAX (FUME) 8002-74-2	Fume.		2				

<b>Engineering controls:</b>	Ensure good ventilation/suction at the workplace.
<b>Eye protection:</b>	Goggles which can be tightly sealed. Use of a full face shield is recommended.
<b>Skin protection:</b>	Protective clothing that covers arms and legs. Wear refractive gloves while working with the hot melt.
<b>Respiratory protection:</b>	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**

<b>Appearance:</b>	white Solid
<b>Odor:</b>	Petroleum
<b>Specific gravity:</b>	0.94 - 0.96
<b>Flash point:</b>	> 250 °C (> 482 °F)
<b>Solubility in water:</b>	Insoluble
<b>Viscosity (dynamic):</b>	1,350 mPa.s
(; 130 °C (266 °F); Spindle No: 27; Method: Brookfield viscosity (RV DV-II+))	

**Section 10. Stability and reactivity**

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

**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	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) 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	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

**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 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).**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

## Section 15. Regulatory information

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

## Section 16. Other information

<b>Abbreviations/acronyms:</b>	<p>ADGC - Australian Dangerous Goods Code  GHS: Globally Harmonized System  CAS: Chemical Abstracts Service  IMDG: International Maritime Dangerous Goods code  IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  STEL - Short term exposure limit  TWA - Time weighted average  OECD: Organization for Economic Cooperation and Development  LD 50: Lethal Dose 50%  LC 50: Lethal Concentration 50%</p>
<b>Reason for issue:</b>	Reviewed SDS. Reissued with new date. involved chapters: 2,3,6,8,9,16
<b>Date of previous issue:</b>	05.11.2015
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