



## Safety Data Sheet

TECHNOMELT SUPRA 350 HT BULK

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SDS No. : 285638

V001.3

Date of issue: 15.07.2022

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

**Product name:** TECHNOMELT SUPRA 350 HT BULK

**Intended use:** paper- and packaging 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

**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- <= 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:** Store in a cool, dry place.

**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				
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- 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).
- 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, pastilles
- Odor:** typical
- Flash point:** > 200 °C (> 392 °F)  
(no method)
- Flammability (solid, gas):** non flammable
- Vapor pressure:** < 0.1 mbar  
(; 20 °C (68 °F))
- Vapor density:** Not applicable, Product is a solid.
- Solubility in water:** Insoluble
- Viscosity (dynamic):** 1,800 - 2,600 mPa.s  
(Brookfield; Instrument: RVDV II+; 160 °C (320 °F); speed of rotation: 50 min-1; Spindle No: 27; Method: ;; Dorus-method 501; viscosity Brookfield)
- VOC content (2004/42/EC)** 0 % (VOCV 814.018 VOC regulation CH)

### 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:** None if used for intended purpose.
- Hazardous decomposition products:** In case of fire toxic gases can be released.  
Oxides of carbon.

### 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

**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	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

**AIIC:** 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:** ASCC - Australian Safety and Compensation Council  
 SUSMP - Standard for the Uniform Medicines of Medicines and Poisons  
 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

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**Disclaimer:**

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