



## Safety Data Sheet

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TEROSON MS 9320 BK

SDS No. : 523517

V001.0

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### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** TEROSON MS 9320 BK

**Intended use:** adhesive and sealant

**Supplier:**

Henkel New Zealand Ltd  
2 Allens Rd  
Auckland, 2013  
New Zealand

Phone: +64 (9) 272-6710

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

### SECTION 2 HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001  
Not Classified as Dangerous Goods according to NZS 5433: 2012 and the Land Transport Rule: Dangerous Goods 2005.

**GHS Classification:**

Hazard Class  
Skin sensitizer

Hazard Category  
Sub-category 1A

**Hazard pictogram:**



**Signal word:** Warning

**Hazard statement(s):** H317 May cause an allergic skin reaction.

**Precautionary Statement(s):**

**Prevention:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves.

**Response:**

P302+P352 IF ON SKIN: Wash with plenty of water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before reuse.

**Disposal:**

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

**SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

**General chemical description:** Mixture  
Polyether

**Type of preparation:** adhesive and sealant

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene	64742-49-0	< 10 %
non hazardous ingredients~		60 %
N-[3-(dimethoxymethylsilyl)propyl]ethylenediamine	3069-29-2	0.1- < 1 %

**SECTION 4 FIRST AID MEASURES**

**Ingestion:** Do not induce vomiting.  
Have victim rinse mouth thoroughly with water.  
Seek medical advice.

**Skin:** Rinse with running water and soap.  
Seek medical advice.

**Eyes:** Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Inhalation:** Move to fresh air, consult doctor if complaint persists.

**First Aid facilities:** Eye wash  
Normal washroom facilities

**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::** Thermal decomposition can lead to release of irritating gases and vapors.  
Carbon monoxide.  
Carbon dioxide.

**Special protective equipment for fire-fighters:** Wear protective equipment.  
Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Avoid contact with skin and eyes.  
Wear protective equipment.

**Environmental precautions:** Do not empty into drains / surface water / ground water.

**Clean-up methods:** Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

**SECTION 7. HANDLING AND STORAGE**

**Precautions for safe handling:** Use only with adequate ventilation.  
Avoid contact with eyes, skin and clothing.  
Do not breathe fumes or dust from this material.  
Keep container closed.  
Wash thoroughly after handling.

**Conditions for safe storage:** Ensure good ventilation/extraction.  
Store in a cool, frost-free place.  
Storage at 5 to 25°C is recommended.

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Workplace exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Ceiling	STEL (ppm)	STEL (mg/m3)
RUBBER SOLVENT (NAPTHA) 64742-49-0		400	1,600	-	-	-

**Engineering controls:** Ensure good ventilation/suction at the workplace.

**Eye protection:** Protective goggles

**Skin protection:** Suitable protective gloves.  
Nitrile rubber gloves should be worn.

**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:** black  
pasty

**Odor:** odourless

**pH:** Not applicable

**Flash point:** 28 °C (82.4 °F)  
(Supplier method)

**Density:** 1.51 g/cm3

**Solubility in water:** Insoluble

**SECTION 10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions of temperature and pressure.

<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight. Heat, flames, sparks and other sources of ignition.
<b>Incompatible materials:</b>	Acids and bases. Oxidizing agents.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapors.  Carbon monoxide. Carbon dioxide.
<b>Hazardous polymerization:</b>	Will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Health Effects:</b>	
<b>Ingestion:</b>	Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Skin:</b>	May cause skin sensitization. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
<b>Eyes:</b>	This product may cause irritation to the eyes.
<b>Inhalation:</b>	High vapor concentrations may irritate nose, throat, and upper respiratory system.

### Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	LD50	> 5,000 mg/kg	oral	4 h	rat	not specified
	LD50	> 5,000 mg/kg	dermal		rabbit	not specified
N-[3- (dimethoxymethylsilyl)pr opyl]ethylenediamine 3069-29-2	LD50	200 - 2,000	oral	4 h	rat	OECD Guideline 423 (Acute Oral toxicity)
	LC50	mg/kg	inhalation		rat	OECD Guideline 403 (Acute Inhalation Toxicity)
	LD50	> 5.2 mg/l 15,520 mg/kg	dermal		rabbit	not specified

### Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
N-[3- (dimethoxymethylsilyl)pr opyl]ethylenediamine 3069-29-2	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

### Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
N-[3- (dimethoxymethylsilyl)pr opyl]ethylenediamine 3069-29-2	highly irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

### Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
N-[3- (dimethoxymethylsilyl)pr opyl]ethylenediamine 3069-29-2	sensitising	Guinea pig maximisa- tion test	guinea pig	not specified

<b>SECTION 12. ECOLOGICAL INFORMATION</b>
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**General ecological information:** Do not empty into drains, soil or bodies of water.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	LC50	> 1 - 10 mg/l	Fish			OECD Guideline 203 (Fish, Acute Toxicity Test)
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	LC50	> 10 - 100 mg/l	Fish	96 h		OECD Guideline 203 (Fish, Acute Toxicity Test)
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	EC50	3 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	EC50	> 10 - 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	EC50	> 1 - 10 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	EC50	> 100 mg/l	Algae	72 h		OECD Guideline 201 (Alga, Growth Inhibition Test)
N-[3- (dimethoxymethylsilyl)propyl] ethylenediamine 3069-29-2	LC50	597 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	EU Method C.1 (Acute Toxicity for Fish)
N-[3- (dimethoxymethylsilyl)propyl] ethylenediamine 3069-29-2	EC50	> 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
N-[3- (dimethoxymethylsilyl)propyl] ethylenediamine 3069-29-2	EC10	25 mg/l	Bacteria	16 h	Pseudomonas putida	DIN 38412, part 8 (Pseudomonas Zellvermehrungshe mm-Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	readily biodegradable	aerobic	89 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
N-[3- (dimethoxymethylsilyl)propyl] ethylenediamine 3069-29-2	not readily biodegradable.	aerobic	39 %	OECD Guideline 301 A (new version) (Ready Biodegradability: DOC Die Away Test)

**Bioaccumulative potential / Mobility in soil:**

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
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Naphtha (petroleum), hydrotreated light, < 0.1 % benzene 64742-49-0	4 - 5.7					OECD Guideline 107 (Partition Coefficient (n- octanol / water), Shake Flask Method)
N-[3- (dimethoxymethylsilyl)propyl] ethylenediamine 3069-29-2	1				20 °C	QSAR (Quantitative Structure Activity Relationship)

**SECTION 13. DISPOSAL CONSIDERATIONS**

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

**Disposal for uncleaned package:** After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

**SECTION 14. TRANSPORT INFORMATION**

**Dangerous Goods information:**

Not Classified as Dangerous Goods according to NZS 5433: 2012 and the Land Transport Rule: Dangerous Goods 2005.

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

**SECTION 15. REGULATORY INFORMATION**

**HSNO Approval Number:** Group standard HSR002670

**Site and Storage:** Refer to the site and storage requirements for this Group Standard.

**NZIoC:** Compliant for NZIOC

**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:** New Safety Data Sheet format. involved chapters: 1-16

**Disclaimer:**

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel New Zealand 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 New Zealand Limited concerning the properties of the material.

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