



Safety Data Sheet

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TEROSON MS 939 BK

SDS No. : 633050

V001.0

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SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: TEROSON MS 939 BK

Intended use: MS Adhesive

Supplier:

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Auckland, 2013
New Zealand

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Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

GHS Classification:

No classification required.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description: Mixture
Silane-modified polyether

Type of preparation: Adhesive

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Trimethoxyvinylsilane	2768-02-7	< 10 %
non hazardous ingredients~		60- < 100 %

SECTION 4 FIRST AID MEASURES

Ingestion:	Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
Skin:	Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.
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.
Medical attention and special treatment:	Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	All common extinguishing agents are suitable.
Improper extinguishing media:	High pressure waterjet
Particular danger in case of fire::	In case of fire toxic gases can be released.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus. Wear protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	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:	Avoid skin and eye contact. Use only in well-ventilated areas.
Conditions for safe storage:	Ensure good ventilation/extraction. Temperatures between + 10 °C and + 25 °C

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure standards:

None

Engineering controls:	Ensure good ventilation/extraction.
Eye protection:	Protective goggles
Skin protection:	<p>Wear suitable protective clothing.</p> <p>Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; ≥ 1 mm thickness) or natural rubber (NR; ≥ 1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.</p>
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 paste
Odor:	characteristic
Flash point:	Not applicable
Density:	1.5 g/cm ³

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	None if used for intended purpose.
Incompatible materials:	None if used for intended purpose.
Hazardous decomposition products:	No decomposition if used according to specifications.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects:	
Ingestion:	May cause gastrointestinal disturbances such as nausea, vomiting, abdominal pain, and diarrhea.
Skin:	May cause mild skin irritation.
Eyes:	May cause mild irritation
Inhalation:	May cause irritation to nose and throat.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	LD50 LC50 LD50	7,120 mg/kg 16.8 mg/l 3,540 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) not specified

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	not irritating		rabbit	other guideline:

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Trimethoxyvinylsilane 2768-02-7	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Trimethoxyvinylsilane 2768-02-7	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
Trimethoxyvinylsilane 2768-02-7	negative positive 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)
Trimethoxyvinylsilane 2768-02-7	negative	intraperitoneal		mouse	other guideline:

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Trimethoxyvinylsilane 2768-02-7	NOAEL=< 62.5 mg/kg	oral: gavage	daily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Trimethoxyvinylsilane 2768-02-7		inhalation: vapour	5 days/week for 14 weeks 6 hours/day	rat	

SECTION 12. ECOLOGICAL INFORMATION

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
Trimethoxyvinylsilane 2768-02-7	LC50	191 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Trimethoxyvinylsilane 2768-02-7	EC50	168.7 mg/l	Daphnia	48 h	Daphnia magna	EU Method C.2 (Acute Toxicity for Daphnia)
Trimethoxyvinylsilane 2768-02-7	EC50	> 957 mg/l	Algae	72 h	Desmodesmus subspicatus	EU Method C.3 (Algal Inhibition test)
Trimethoxyvinylsilane 2768-02-7	NOEC	957 mg/l	Algae	72 h	Desmodesmus subspicatus	EU Method C.3 (Algal Inhibition test)
Trimethoxyvinylsilane 2768-02-7	EC50	> 100 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Trimethoxyvinylsilane 2768-02-7	not readily biodegradable.	aerobic	51 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

SECTION 13. DISPOSAL CONSIDERATIONS**Waste disposal of product:**

Dispose of in accordance with local and national regulations.

Disposal for uncleaned package:

Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

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:**

None

NZIoC:

Compliant for NZIOC

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

Reason for issue:

First issue. 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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