

Safety Data Sheet

in accordance with EPA and WORKSAFE regulations

Printing date 24.02.2023

Revision date: 24.02.2023

1 Identification of the substance or mixture and of the supplier

Product Name: Maxisil Maxigrab Original

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Preparation of adhesives

Details of Importer:

Tilers Mate
33 Fairfax Avenue,
Penrose, Auckland, New Zealand

Details of Manufacturer:

Maxisil
55 Lakewood Boulevard
Carrum Downs VIC 3201
Australia

Phone Number: +64 8 0085 6283

Emergency telephone number: +64 8 0085 6283

2 Hazards identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Health and Safety at Work (Hazardous Substances) Regulations 2017, New Zealand. Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.



Eye Irritation 2 H319 Causes serious eye irritation.

Signal Word Warning

Hazard Statements

H319 Causes serious eye irritation.

Precautionary Statements

P264 Wash thoroughly after handling.

P280 Wear eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

3 Composition/Information on ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 13822-56-5	3-(Trimethoxysilyl)propylamine ⚠ Skin Corrosion/Irritation 2, H315; Eye Irritation 2, H319; Flammable Liquids 4, H227	<2.5%
CAS: 1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine ⚠ Skin Corrosion/Irritation 1C, H314; Eye Damage 1, H318; ⚠ Acute Toxicity (Inhalation) 4, H332; Skin Sensitisation 1, H317	<1%

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CAS: 52829-07-9	Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester	<1%
	⚠ Aquatic Chronic 2, H411; ⚠ Eye Irritation 2, H319	

4 First aid measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation persists.

Eye Contact:

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention.

Ingestion:

If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

5 Fire fighting measures

Suitable Extinguishing Media:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include toxic gases.

Product is not flammable.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Wipe up small spills with a paper towel or dry rag. Clean up all spills immediately, since spilled materials, even in small quantities, may present a slip hazard. Absorb large spills with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Decontaminate spill area with water and detergents.

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7 Handling and storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from direct sunlight, heat, sparks, open flames and other sources of ignition.

8 Exposure controls/personal protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Use an approved vapour respirator (ABEK type) under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Nitrile rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

9 Physical and chemical properties

Appearance:

Form:	Paste
Colour:	According to product specification
Odour:	Alcohol-like
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability:	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available

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Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available

10 Stability and reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: None known.

Hazardous Decomposition Products: Toxic gases.

11 Toxicological information

Toxicity:

LD50/LC50 Values:

CAS: 13822-56-5 3-(Trimethoxysilyl)propylamine

Oral	LD50	2,970 mg/kg (Rattus norvegicus (rat)) (OECD Test Guideline 401)
Dermal	LD50	11,300 mg/kg (Rattus norvegicus (rat)) (OECD Test Guideline 402)

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

Oral	LD50	2,995 mg/kg (Rattus norvegicus (rat))
	LD50	>2,000 mg/kg (Rattus norvegicus (rat))
Inhalation	LC50/4 h	1.49-2.44 mg/l (Rattus norvegicus (rat))

CAS: 52829-07-9 Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidinyl) ester

Oral	LD50	3,700 mg/kg (Rattus norvegicus (rat)) (OECD Test Guideline 423)
Dermal	LD50	>3,170 mg/kg (Rattus norvegicus (rat)) (OECD Test Guideline 402)

Acute Health Effects

Inhalation: May cause respiratory irritation.

Skin: May cause skin irritation.

Eye: Causes serious eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Based on classification principles, the classification criteria are not met.

This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

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Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No information available

Existing Conditions Aggravated by Exposure: No information available

12 Ecological information

Ecotoxicity:

Aquatic toxicity:

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

CAS: 13822-56-5 3-(Trimethoxysilyl)propylamine

EC50/48 h 331 mg/l (Daphnia magna (water flea)) (OECD Test Guideline 202)

LC50/96 h >934 mg/l (Danio rerio (zebra fish)) (OECD Test Guideline 203)

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

EC50/48 h 81 mg/l (Daphnia magna (water flea)) (OECD 202)

CAS: 52829-07-9 Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester

EC50/72 h 0.705 mg/l (Pseudokirchneriella subcapitata (algae)) (OECD 201)

LC50/96 h 4.4 mg/l (Lepomis macrochirus (bluegill)) (OECD 203)

5.29 mg/l (Oryzias latipes (Japanese rice fish)) (OECD 203)

LC50/48 h 8.58 mg/l (Daphnia magna (water flea)) (OECD 202)

Persistence and Degradability: No data available on finished product.

Bioaccumulative Potential: No data available on finished product.

Mobility in Soil: No data available on finished product.

Other adverse effects: No further relevant information available.

13 Disposal considerations

Disposal Methods and Containers:

Dispose according to applicable local and state government regulations.

Already cured material can be disposed of with the domestic or commercial waste. Unconsumed material (fluid, paste-like) is to be disposed of as hazardous waste.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport information

UN Number Not regulated

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

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15 Regulatory information

HSNO Approval Code / Group Standard:

Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020

HSNO Approval Number: HSR002670

New Zealand Inventory of Chemicals All ingredients are listed.

16 Other information

Date of Preparation or Last Revision: 24.02.2023**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

WES: Workplace Exposure Standard

Flammable Liquids 4: Flammable liquids – Category 4

Acute Toxicity (Inhalation) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 1C: Skin corrosion/irritation – Category 1C

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Eye Damage 1: Serious eye damage/eye irritation – Category 1

Eye Irritation 2: Serious eye damage/eye irritation – Category 2

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

Disclaimer

This SDS is prepared in accord with the New Zealand Chemical Industry Council document 'Code of Practice (No. HSNO CoP 8-1 09-06)' and Hazardous Substances (Safety Data Sheets) Notice 2020.

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