

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	Maxplus Silicone Neutral	<b>Region</b>	New Zealand
<b>Product Type</b>	Silicone	<b>Contact Person</b>	Tilemax Limited
<b>Company Address</b>	Tilemax Limited 27 Te Puni Street, Petone, Lower Hutt 5012	<b>Phone Number</b>	04 568 5570

### 2. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

Warning: May cause skin irritation or reaction, may cause serious eye irritation

HAZARD CLASS	HAZARD CATEGORY
Skin Irritation	2
Eye Irritation	2A
Skin Sensitisation	1

#### PICTOGRAM(S)



#### Precautionary Statements

<b>Prevention</b>	Avoid breathing vapours, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.
<b>Response</b>	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention If eye irritation persists: Get medical attention. Remove contaminated clothing.
<b>Storage</b>	This product must be stored in a cool, dry, ventilated and shady area below 27° C.
<b>Disposal</b>	Allow any unwanted product to harden and dispose with trash or as per local council body requirements.

### 3. COMPOSITION/ INGREDIENT INFORMATION

Hazardous Component(s)	CAS Number	Percentage*	Hazard
Dimethyl siloxane, hydroxyl-Terminated	70131-67-8	30-40	Not Hazardous
Calcium Carbonate	471-34-1	45-55	Not Hazardous
Methyltrimethoxysilane	1185-55-3	<10	Irritating to eyes and skin. May cause sensitisation by skin contact
Di (ethyl methylketoxime)	83817-72-5	<1	Harmful
Methoxymethyl silane	64-19-7	<1	Irritating to eyes and skin. May cause sensitisation by skin contact
Aminoethylaminopropyltrimethoxy Silane	1760-24-3	<1	Irritating to eyes and skin. May cause sensitisation by skin contact

\* Exact percentage is a trade secret. Concentration range is provided to assist users in proving appropriate protection.

### 4. FIRST AID MEASURES

<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
<b>Skin Contact</b>	Wipe off paste with paper towel or cloth. Wash with soap and water. If skin irritation persists, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Ingestion</b>	Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
<b>Symptoms</b>	See Section 11.
<b>Notes to Physician</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Foam, Dry Chemical or Carbon Dioxide
<b>Special Firefighting Procedures</b>	None
<b>Unusual Fire or Explosion Hazards</b>	None
<b>Hazardous Combustion Products</b>	Oxides of Carbon. Formaldehyde, Oxides of Silicone

### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection as recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personal.

<b>Environmental Precautions</b>	Do not allow product to enter sewer or waterways.
<b>Clean-Up Methods</b>	Scrape up as much material as possible and store in a closed container until disposal. Spilled material will solidify. Maintain good ventilation for large spills.

### 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Do not handle contact lenses until all sealant has been removed from hands as residual sealant may transfer to lenses and cause eye irritation.
<b>Storage</b>	Keep container closed. Store in a dry area below 27C

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	CAS No	Exposure Limits
Methyl tri(ethylmethylketoxime) Silane	22984-54-9	See ethyl methyl ketoxime comments
Methyl ethyl ketoxime	96-29-7	
Di (ethyl methyl ketoxime) Methoxymethyl silane	83817-72-5	See methyl alcohol and ethyl methyl ketoxime comments
Aminoethylaminopropyltrimethoxy Silane	1760-24-3	See methyl alcohol comments
Methoxysilane	-	See methyl alcohol comments

<b>Engineering Controls</b>	Ensure adequate ventilation, especially in confined areas. Use local ventilation if general ventilation is insufficient to maintain vapour concentration below established exposure limits.
<b>Respiratory Protection</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Eye/Face Protection</b>	Safety goggles or safety glasses with side shields.
<b>Skin Protection</b>	Use of Butyl or Nitrile Rubber gloves is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Paste
<b>Colour</b>	Variable
<b>Odour</b>	Some Odour
<b>Odour Threshold</b>	N/A
<b>pH</b>	N/A
<b>Vapour Pressure</b>	N/A
<b>Boiling Point/Range</b>	N/A
<b>Melting Point/Range</b>	N/A
<b>Specific Gravity</b>	1.45 at 23C
<b>Vapour Density</b>	Heavier than Air
<b>Flash Point</b>	>93C
<b>Autoignition Temperature</b>	N/A
<b>Solubility in Water</b>	N/A
<b>Partition Coefficient (n-octanol/water)</b>	N/A
<b>VOC Content</b>	3%: 30g/1
<b>Viscosity</b>	N/A
<b>Decomposition Temperature</b>	N/A

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable
<b>Hazardous Reactions</b>	Will not Occur
<b>Hazardous Decomposition Products</b>	Formaldehyde. Oxides of carbon. Oxides of silicon. Acetic acid is released slowly upon contact with moisture.
<b>Incompatible Materials</b>	Bases. Oxidising Agents. Water Acids
<b>Reactivity</b>	N/A
<b>Conditions to Avoid</b>	Prolonged heating at temperature above 150C. Exposure to moisture.

## 11. TOXICOLOGICAL INFORMATION

<b>Relevant Routes of Exposure</b>	Skin, Inhalation, Eyes
------------------------------------	------------------------

### Potential Health Effects/Symptoms

<b>Inhalation</b>	When heated to temperatures exceeding 150C in the presence of air, silicone may release formaldehyde vapours.  Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapours irritate the eyes, nose and throat. Safe handling conditions will limit.
<b>Skin Contact</b>	Can cause skin irritation. May cause allergic skin reaction.
<b>Eye Contact</b>	Causes serious eye irritation
<b>Ingestion</b>	Under normal conditions of use, not expected to be harmful by ingestion.

## 12. ECOLOGICAL INFORMATION

Ecological Information: Not Available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for used product only

<b>Recommended Method of Disposal</b>	Follow all local body council requirements for disposal.  Cured rubber can be incinerated or land-filled following EPA and local regulations.
<b>Hazardous Waste Number</b>	Not a RCRA hazardous waste

## 4. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### International Air Transportation (ICATO/IATA)

Proper Shipping Name	Not Regulated
Hazard Class or Division	None
Identification Number	None
Packing Group	None

### Water Transportation (IMO/IMDG)

Proper Shopping Name	Not Regulated
Hazard Class or Division	None
Identification Number	None
Packing Group	None