



# Safety Data Sheet

according to WHS Regulations

Printing date 23.01.2017

Revision: 23.01.2017

## 1 Identification

**Product Name: TM7 TERMIMESH**

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Physical barrier for termites.

**Details of Manufacturer or Importer:**

TMA Corporation  
48 Century Road  
Malaga WA 6090

**Phone Number:** +61 8 9249 3868

**Emergency telephone number:** 0419 907 693

## 2 Hazard(s) Identification

### Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



health hazard

Carcinogenicity 2 H351 Suspected of causing cancer.

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.



Skin Sensitisation 1 H317 May cause an allergic skin reaction.

**Signal Word** Danger

### Hazard Statements

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.

### Precautionary Statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P321 Specific treatment (see on this label).

P308+P313 IF exposed or concerned: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

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P501 Dispose of contents/container in accordance with local/regional/national regulations.

### 3 Composition and Information on Ingredients

**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

7440-47-3	Chromium	10 - 30%
7440-02-0	Nickel	10 - 30%
	☠ Carcinogenicity 2, H351; STOT RE 1, H372; ⚠ Skin Sensitisation 1, H317	
7439-98-7	Molybdenum	1 - 10%

**Additional information:**

TM7 Termimesh consists of two layers of PVC laminated onto TMA 725 stainless steel mesh.

In its solid state this product does not present inhalation, skin or ingestion hazards. However, welding, cutting, brazing, grinding and machining may produce dust or fumes which could be inhaled and be potentially hazardous.

### 4 First Aid Measures

**Inhalation:**

Inhalation is unlikely under normal conditions of use. However, welding, cutting, brazing, grinding and machining may produce dust or fumes which could be inhaled and be potentially hazardous. 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:**

Skin contact is unlikely to cause adverse effects. If symptoms occur, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

**Eye Contact:**

In case of eye irritation, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms persist. If a fragment is lodged in the eye seek immediate medical attention.

**Ingestion:**

Ingestion is unlikely under normal conditions of use, but may cause lacerations. If possible spit out fragments before they are swallowed. Never give anything by mouth to an unconscious person. Seek medical attention.

**Symptoms Caused by Exposure:**

Inhalation: Dust may cause irritation of the nose, throat, and lungs. Excessive inhalation of metallic fumes and dust may result in metal fume fever, an influenza-like illness characterized by a sweet or metallic taste in the mouth accompanied by dryness and irritation of the throat, cough, shortness of breath, pulmonary edema, general malaise, weakness, fatigue, muscle and joint pains, blurred vision, fever, and chills. Typical symptoms last from 12 to 48 hours.

Skin Contact: Dust or particulates may cause mechanical irritation due to abrasion. Some components are capable of causing an allergic reaction, possibly resulting in burning, itching, and skin eruptions.

Eye Contact: May cause mechanical irritation including pain and redness. Rubbing of the eye may result in scratching of the cornea.

Ingestion: Ingestion is unlikely under normal conditions of use. May cause laceration if swallowed.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Use dry powder or sand for molten metal. For steel dust use dry sand, water spray or foam. Do not use water as extinguishing media for molten metal. Do not use carbon dioxide for molten metal or dust.

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**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include metal oxide fumes. PVC may generate hydrogen chloride and oxides of carbon during combustion.

Stainless steel mesh does not present fire or explosion hazards under normal conditions.

High concentrations of combustible metallic fines in the air may present an explosion hazard.

**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 appropriate protective equipment. Evacuate all non-essential personnel from affected area. Do not breathe fumes/dust. 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:**

Collect scraps and off-cuts and place in suitable containers for subsequent disposal. The product can be recycled or disposed of at an approved landfill.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust/fumes. Use good housekeeping practices to prevent accumulations of dust. Generation of particulates or metal oxide fumes is not expected under normal conditions of use.

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 in original packaging. Avoid prolonged storage in direct sunlight, high temperatures or high humidity. Protect from strong acids and bases. Avoid generating dust.

### 8 Exposure controls and personal protection

**Exposure Standards:****7440-47-3 Chromium**

NES	TWA: 0.5 mg/m <sup>3</sup>
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**7440-02-0 Nickel**

NES	TWA: 1 mg/m <sup>3</sup>
	Metal: Sen

**7439-98-7 Molybdenum**

NES	TWA: 10* 5** mg/m <sup>3</sup>
	as Mo; *insoluble comp.; **soluble comp.

**Engineering Controls:**

Natural ventilation should be adequate under normal use conditions. When heating or melting effective exhaust is required.

**Respiratory Protection:**

Generation of particulates or metal oxide fumes is not expected under normal conditions of use. Respiratory protection is not required under normal use conditions.

Use an approved respirator under conditions where exposure to the substance is apparent (e.g. material is

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exposed to intense heating) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Leather/pigskin gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

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:**

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	TM7 Termimesh consists of two layers of PVC laminated onto a fine stainless steel mesh.
<b>Colour:</b>	Dark grey.
<b>Odour:</b>	No information available
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Not applicable.
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	~300 °C (PVC)
<b>Flammability:</b>	Product is not flammable.
<b>Ignition Temperature</b>	~410 °C (PVC)
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	No information available
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coefficient (n-octanol/water):</b>	No information available

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

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

**Conditions to Avoid:**

Welding, cutting or grinding may cause metal fumes or dust.

Avoid prolonged storage in direct sunlight, high temperatures or high humidity.

**Incompatible Materials:** Strong acids and bases.

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**Hazardous Decomposition Products:**

Metal oxide fumes. PVC may generate hydrogen chloride and oxides of carbon during combustion.

<b>11 Toxicological Information</b>
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**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:** No information available**Acute Health Effects****Inhalation:**

Dust may cause irritation of the nose, throat, and lungs. Excessive inhalation of metallic fumes and dust may result in metal fume fever, an influenza-like illness characterized by a sweet or metallic taste in the mouth accompanied by dryness and irritation of the throat, cough, shortness of breath, pulmonary edema, general malaise, weakness, fatigue, muscle and joint pains, blurred vision, fever, and chills. Typical symptoms last from 12 to 48 hours.

**Skin:**

Dust or particulates may cause mechanical irritation due to abrasion. Some components are capable of causing an allergic reaction, possibly resulting in burning, itching, and skin eruptions.

**Eye:**

Dust may cause mechanical irritation including pain and redness. Rubbing of the eye may result in scratching of the cornea.

**Ingestion:** Ingestion is unlikely under normal conditions of use. May cause laceration if swallowed.

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

**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.

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

**Carcinogenicity:**

Suspected of causing cancer.

Nickel is classified by Safe Work Australia as Carcinogen Category 3.

Nickel, metallic and alloys is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Chromium, metallic and polyvinyl chloride are classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**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.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Causes damage to organs through prolonged or repeated exposure. Route of exposure: Inhalation.

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

**Chronic Health Effects:**

Chronic overexposure to iron oxide fumes may cause benign pneumoconiosis with symptoms that include chronic bronchitis, emphysema, and shortness of breath upon exertion.

prolonged and

Chronic overexposure to chromium dusts or fumes may cause skin ulcers, nasal irritation and ulceration, kidney damage and cancer of the respiratory system. Chromium is a skin sensitiser.

Prolonged and repeated contact with nickel may cause sensitisation dermatitis. Inhalation of nickel compounds has caused lung damage as well as sinus, nasal and lung cancer in laboratory animals.

**Existing Conditions Aggravated by Exposure:** Pre-existing skin and respiratory disorders.

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**Additional toxicological information:**

Inhalation of metal oxide fumes generated from welding, burning or grinding may cause metal fume fever. Symptoms are generally flu-like including fever, chills, nausea, headache, fatigue, muscle aches, joint pains, lack of appetite, shortness of breath, pneumonia, chest pain, blood pressure change, and cough. A sweet or metallic taste in the mouth may also be reported along with a dry or irritated throat which may lead to hoarseness. They are first experienced about 8 to 12 hours after inhalation of the metal oxide.

### 12 Ecological Information

**Ecotoxicity:** No information available**Aquatic toxicity:** No information available**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available**Other adverse effects:** No information available

### 13 Disposal considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**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

### 15 Regulatory information

**Australian Inventory of Chemical Substances:**

7440-47-3	Chromium
7440-02-0	Nickel
7439-98-7	Molybdenum
9002-86-2	Polyvinyl chloride

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

### 16 Other information

**Date of Preparation or Last Revision:** 23.12.2017**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.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)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

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NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

Carcinogenicity 2: Carcinogenicity – Category 2

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

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