



# SAFETY DATA SHEET

According to Safe Work Australia

Printing date 19.05.2016

Revision: 19.05.2016

## 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** TERMIPARGE STANDARD DRY

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:**

Dry adhesive component for Termimesh System.

**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. HAZARDS 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)



corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

**Signal Word** Danger

**Hazard Statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

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

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

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

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

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

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P405 Store locked up.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 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:**

65997-15-1	Cement, portland, chemicals ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	40 - 50%
14808-60-7	Quartz (SiO <sub>2</sub> )	50 - 60%
1305-62-0	Calcium hydroxide (Ca(OH) <sub>2</sub> ) ☠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	< 5%
1317-65-3	Limestone ☠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	< 5%

**Additional information:** This product contains <10 ppm hexavalent chromium.

### 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 symptoms occur.

**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms persist.

**Symptoms Caused by Exposure:**

Inhalation: May cause respiratory irritation, coughing and sneezing.

Skin Contact: Causes skin irritation. May cause an allergic skin reaction. Wet cement is slightly alkaline and may cause dry skin or skin burns.

Eye Contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal irritation and burning sensation.

### 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Use fire extinguishing methods suitable to surrounding conditions.

**Specific Hazards Arising from the Chemical:** Product is not flammable or explosive.

**Special Protective Equipment and Precautions for Fire Fighters:**

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

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### 6 . ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

#### 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:

Stop leak if safe to do so. Clean the area using an industrial vacuum cleaner. Wet mopping and wiping is acceptable if vacuuming is not workable. Avoid generating dust. Provide adequate ventilation.

Remove promptly all visible waste materials to avoid being trampled and spread about, place in plastic bags or other containers which prevent fibre and/or dust emission, and dispose of in accordance with local waste disposal authority requirements.

### 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.

Care should be taken to minimise dust release when opening boxes or bags. Work areas should be cleaned regularly to remove any build up of fibres and/or dust.

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.

Contaminated work clothing must not be allowed out of the workplace.

#### Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container tightly closed when not in use. Keep away from water, aqueous solutions and acids.

### 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Exposure Standards:

##### 65997-15-1 Cement, portland, chemicals

NES	TWA: 10 mg/m <sup>3</sup>
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##### 14808-60-7 Quartz (SiO<sub>2</sub>)

NES	TWA: 0.1 mg/m <sup>3</sup> respirable dust
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##### 1305-62-0 Calcium hydroxide (Ca(OH)<sub>2</sub>)

NES	TWA: 5 mg/m <sup>3</sup>
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#### Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

#### Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

#### Skin Protection:

Leather/pigskin, neoprene or nitrile 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.

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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>	Fine powder
<b>Colour:</b>	Grey
<b>Odour:</b>	No information available
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	~12
<b>Melting point/Melting range:</b>	>1200 °C
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<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>	Not applicable
<b>Bulk Density:</b>	1300 - 1600 kg/m <sup>3</sup>
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Slight. Reacts with water.
<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:**

No information available  
Moisture.

**Incompatible Materials:** Water, aqueous solutions and acids.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

### 11 . TOXICOLOGICAL INFORMATION

**Toxicity:**

<b>LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:</b>		
<b>1305-62-0 Calcium hydroxide (Ca(OH)<sub>2</sub>)</b>		
Oral	LD <sub>50</sub>	7340 mg/kg (rat)
<b>1317-65-3 Limestone</b>		
Oral	LD <sub>50</sub>	6450 mg/kg (rat)

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**Acute Health Effects****Inhalation:** May cause respiratory irritation, coughing and sneezing.**Skin:**

Causes skin irritation. May cause an allergic skin reaction. Wet cement is slightly alkaline and may cause dry skin or skin burns.

**Eye:** Causes serious eye damage.**Ingestion:** May cause gastro intestinal irritation and burning sensation.**Skin Corrosion / Irritation:** Causes skin irritation.**Serious Eye Damage / Irritation:** Causes serious eye damage.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.**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:**

The prolonged and repeated exposure (by inhalation) to respirable (crystalline) silica cause silicosis, a debilitating lung disease. The crystalline silica dust is practically insoluble in body fluids and can be deposited in lungs. Cigarette smoking can reduce the clearance of crystalline silica. The data indicate that the relative lung cancer risk is increased for people with silicosis.

Prolonged or repeated contact with eyes may cause inflammation of the cornea.

Prolonged or repeated skin contact may cause skin drying and dermatitis.

The presence of hexavalent chromium may cause allergic dermatitis.

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

## 12 . ECOLOGICAL INFORMATION

**Ecotoxicity:** No information available**Aquatic toxicity:**

Addition of this product to water will increase the pH of the water, which may pose a risk to aquatic life. Once hardened the product will pose significantly less risk.

**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.

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## 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:

65996-69-2	Slags, ferrous metal, blast furnace
65997-15-1	Cement, portland, chemicals
14808-60-7	Quartz (SiO <sub>2</sub> )
68131-74-8	Ashes, residues
1317-65-3	Limestone
69012-64-2	Silica-Amorphous Silica fume
10101-41-4	Calcium sulfate, dihydrate

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
 Not Scheduled.

## 16 . OTHER INFORMATION

**Date of Preparation or Last Revision:** 19.05.2016

**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 percent

LD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

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

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Skin Sens. 1: Skin sensitisation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

### 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 - December 2011"

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