



## SAFETY DATA SHEET

### TamSil 7

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME                      TamSil 7

SUPPLIER                              TAM International Australia PTY Ltd  
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#### 2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Irritating to respiratory system and skin.

CLASSIFICATION                      Xi;R37/38, R41.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
SODIUM SILICATE	215-687-4	Proprietary	10-30%	Xi;R37/38,R41.

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

##### INGESTION

Do not induce vomiting. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention immediately!

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. May cause permanent damage if eye is not immediately irrigated.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

##### SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

##### SPECIFIC HAZARDS

The product is non-combustible. If heated, toxic vapours may be formed.

##### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. In case of inadequate ventilation, use respiratory protection.

##### ENVIRONMENTAL PRECAUTIONS

Avoid discharge to the aquatic environment.

## TamSil 7

### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Cordon off area. Avoid sparks and open flames. Absorb / contain spillage using inert absorbent granules, sand or earth. Transfer collected material to heavy-duty plastic / steel drums and keep in a well ventilated place for subsequent safe disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

#### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Store at temperature below 50°C. Store above freezing.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SODIUM SILICATE	WEL		2 mg/m3			

WEL = Workplace Exposure Limit.

#### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

#### PROTECTIVE EQUIPMENT



#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

#### HAND PROTECTION

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### EYE PROTECTION

Use approved safety goggles or face shield.

#### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station.

#### HYGIENE MEASURES

Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. Wash hands after handling. When using do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid
COLOUR	Colourless
SOLUBILITY	Miscible with water.

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions and recommended use.

#### CONDITIONS TO AVOID

Avoid contact with acids. In contact with metals generates hydrogen gas, which together with air can form explosive mixtures.

#### MATERIALS TO AVOID

May react with aluminium, tin, zinc and their alloys evolving hydrogen gas.

#### HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO2) are formed.

### 11 TOXICOLOGICAL INFORMATION

## TamSil 7

**INHALATION**

May cause irritation to the respiratory system.

**INGESTION**

May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause internal injury.

**SKIN CONTACT**

Liquid may irritate skin. Prolonged or repeated exposure may cause severe irritation.

**EYE CONTACT**

Risk of serious damage to eyes. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.

**SPECIFIC EFFECTS**

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

**13 DISPOSAL CONSIDERATIONS**

**GENERAL INFORMATION**

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

**14 TRANSPORT INFORMATION**

**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION**

**LABELLING**



Irritant

**RISK PHRASES**

- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.

**SAFETY PHRASES**

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39 Wear suitable gloves and eye/face protection.
- S51 Use only in well-ventilated areas.
- S60 This material and its container must be disposed of as hazardous waste.

**STATUTORY INSTRUMENTS**

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

**APPROVED CODE OF PRACTICE**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES**

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

REVISION DATE

26/11/2008

REV. NO./REPL. SDS GENERATED 3

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### RISK PHRASES IN FULL

R37/38 Irritating to respiratory system and skin.  
R41 Risk of serious damage to eyes.

### DISCLAIMER

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. TAM International shall not be held liable for any damage resulting from contact with or handling of the above product.