

## Section 1 – Identification of the Material and Supplier

Ensystem Australasia Pty Ltd  
Unit 3 The Junction Estate  
4 – 6 Junction Street  
AUBURN NSW 2144  
13 35 36 (All hours)

**Chemical nature:** White solvent liquid.

**Trade Name:** **NOVITHOR™ TPC Liquid**

**Product Use:** Component in a physical termite protection system. Part of a two-part mix used to form NOVITHOR Cementitious Parge (with NOVITHOR TPC Powder).

**Creation Date:** **July, 2011**

**This version issued:** **October 2016** and is valid for 5 years from this date.

## Section 2 - Hazards Identification

### Statement of Hazardous Nature

This product is NOT classified as hazardous according to the criteria of NOHSC Australia.

NOT Dangerous Goods according to the Australian Dangerous Goods (ADG) Code.

**SUSDP Classification:** Not classified.

**ADG Classification:** None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

### GHS Signal word: NONE

#### PREVENTION

- P102: Keep out of reach of children.
- P262: Do not get in eyes, on skin, or on clothing.
- P270: Do not eat, drink or smoke when using this product.
- P273: Avoid release to the environment.

#### RESPONSE

- P352: Wash with plenty of soap and water.
- P370+378: In case of fire: Use water spray to cool containers.

#### STORAGE

- P402+P404: Store in a dry place. Store in a closed container.
- P403+P235: Store in a well-ventilated place. Keep cool.

#### DISPOSAL

P501: Dispose of contents/ containers in accordance with local & national government regulations. Advise flammable nature. Empty containers may contain flammable residues.

## Emergency Overview

**Physical Description & colour:** Colourless liquid.

**Odour:** Slight aromatic.

## Potential Health Effects

### Inhalation:

**Short term exposure:** Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.

### Skin Contact:

**Short term exposure:** This product may cause skin numbness, but is unlikely to cause anything more than mild transient discomfort

## SAFETY DATA SHEET

**Eye Contact:**

**Short term exposure:** This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

**Ingestion:**

**Short term exposure:** This product is unlikely to cause any irritation problems in the short or long term. May cause gastric upset.

See section 11 for Chronic exposure studies.

**Carcinogen Status:**

**NOHSC:** No significant ingredient is classified as carcinogenic by NOHSC.

**NTP:** No significant ingredient is classified as carcinogenic by NTP.

**IARC:** No significant ingredient is classified as carcinogenic by IARC.

### Section 3 - Composition/Information On Ingredients

Ingredients	CAS No	Conc.
Styrene/ butadiene copolymer	9003-55-8	10 - 60
Cellulose thickener	N/A	1 - 10
Bactericide	N/A	0 - 1
Water	7732-18-5	> 60

### Section 4 - First Aid Measures

**General Information:**

You should call a doctor or hospital or the Poisons Information Centre if you feel that you may have been poisoned by this product. The number is 13 11 26 from anywhere in Australia and is available at all times.

**Inhalation:** If inhaled, remove affected person to fresh air. Contact a Poisons Information Centre or a doctor.

**Ingestion:** Do not induce vomiting. Wash out mouth thoroughly with water. Do not swallow. If adverse symptoms develop, seek medical attention.

**Skin Contact:** If irritation occurs, wash with soap and gently flowing water for 5 minutes. Obtain medical advice.

**Eye Contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water for 15 minutes. Obtain medical advice if irritation becomes painful.

### Section 5 – Fire-Fighting Measures

**Fire and Explosion Hazards:** There is no risk of an explosion from this product under normal circumstances. Not considered to be a significant fire risk.

**Extinguishing Media:** Non Combustible. Use foam, dry chemical powder, BCF (where regulations permit) water spray or fog, or carbon dioxide.

**Fire Incompatibility:** Avoid reaction with oxidising agents.

**Hazchem:** None

### Section 6 - Accidental Release Measures

**Emergency Procedures:** Wear appropriate personal protective equipment and clothing to prevent exposure.

Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible, contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform local authorities in accordance with local regulations.

### Section 7 - Handling and Storage

**Handling:** Keep exposure to this product to a minimum. Check Section 8 of this MSDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be

## SAFETY DATA SHEET

followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

**Storage:** Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10. Check packaging - there may be further storage instructions on the label.

## Section 8 - Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

No special equipment is usually needed when handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** This product should be used in a well ventilated area.

**Eye Protection:** Eye protection e.g. face shield or protective glasses is recommended when product is being used.

**Skin Protection:** You should avoid contact even with mild skin irritants. Therefore, you should wear suitable impervious elbow-length gloves and facial protection when handling this product. See below for suitable material types.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

**Protective Material Types:** We suggest that protective clothing be made from: nitrile, butyl rubber.

## Section 9 - Physical and Chemical Properties

**Physical Description & colour:** Milky white liquid.

**Odour:** Slight.

**Boiling Point:** Approx. 100°C

**Freezing/Melting Point:** Approx. 100°C

**Vapour Pressure (kPa):** 2.33@ 20 degrees C

**Water Solubility:** Immiscible.

**pH (1% solution):** 9-11 dispersion.

**Specific Gravity (water=1):** 0.99- 1.012

**Volatile Component (%vol):** 80

**Relative Vapour Density:** 0.62

## Section 10 - Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions.

**Conditions to Avoid:** Heat, store out of direct sunlight, open flames or other sources of ignition.

**Incompatibilities:** Strong oxidising agents.

**Fire Decomposition:** Thermal decomposition and combustion produce noxious fumes containing oxides of carbon.

**Polymerisation:** This product is unlikely to undergo polymerisation processes.

## Section 11 - Toxicological Information

**Styrene/ Butadiene Copolymer:** Data extracted from RTECS - Register of Toxic Effects of Chemical Substances. Eye (rabbit) 500 mg/24h - The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

## Section 12 - Ecological Information

Do not allow product to enter drains, waterways or sewers.

## Section 13 - Disposal Considerations

**Disposal:** Disposal of spilled or waste material must be carried out in accordance with the relevant local and national government regulations.

### SAFETY DATA SHEET

## Section 14 - Transport Information

**ADG Code:** This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

## Section 15 - Regulatory Information

**AICS:** All of the significant ingredients in this formulation are to be found in the public AICS Database.

## Section 16 - Other Information

**This MSDS contains only safety-related information. For other data see product literature.**

**Acronyms:**

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>DG Class</b>	Dangerous Goods Class
<b>EPG number</b>	Environmental Protection Guidelines
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially fire-fighters
<b>IARC</b>	International Agency for Research on Cancer
<b>IERG number</b>	Illinois Environmental Regulatory Group
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>NOS</b>	Not otherwise specified
<b>R-Phrase</b>	Risk Phrase
<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs & Poisons
<b>UN Number</b>	United Nations Number

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Ensystem so we can attempt to obtain additional information from our suppliers

Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

Please read all labels carefully before using product.

### SAFETY DATA SHEET