

## MATERIAL SAFETY DATA SHEET

Hazardous Substance, NON-Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Company:** Atherton Chemicals

**Address:** 47 Industrial Park Dr, Lilydale VIC 3140

**Phone:** 03 9739 4311

**Fax:** 03 9739 4355

**Emergency:** Poisons Information Centre

**Phone:** 131 126 (Australia)

0800 764 766 (New Zealand)

**Product name:** **Protek Plumbers Silicone**

Protek Plumbers Silicone Translucent

Protek Plumbers Silicone Grey

**Recommended Use;** Sealant and Adhesive for the plumbing industry.

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia.

Risk Phrase (s):

R43: May cause sensitization by skin contact

R40: Limited evidence of a carcinogenic effect

Safety Phrase (s):

S24/25: Avoid contact with skin and eyes.

S36/37: Wear suitable protective clothing and gloves.

S38: In case of insufficient ventilation wear suitable respiratory equipment.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Poisons Schedule (Aust): Not applicable

### 3. COMPOSITION INFORMATION

CHEMICAL ENTITY:	CAS NO.	PROPORTION
Hydrotreated middle petroleum distillates.	64742-46-7	<10%
Methyl tri(ethylmethylketoxime) silane.	22984-54-9	<10%
Di (ethylmethylketoxime) methoxymethyl silane.	83817-72-5	< 10%
Methylethylketoxime.	96-29-7	< 10%
Ingredients determined not to be hazardous to 100%.		

## MATERIAL SAFETY DATA SHEET

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

**Ingestion:** Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**Notes to physician:** Treat symptomatically. Effects may be delayed.

### 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Avoid water coming into contact with the contents of the containers.

**Fire fighting further advice:** Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire, foam, dry agent (carbon dioxide, dry chemical powder). Water can be used to cool fire exposed containers

### 6. ACCIDENTAL RELEASE MEASURES

#### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage.

#### LARGE SPILLS

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase

## MATERIAL SAFETY DATA SHEET

ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

**Dangerous Goods – Initial Emergency Response Guide No:** Not applicable.

### 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:**

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:** Natural ventilation should be adequate under normal use conditions.

**Personal protection equipment:** OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or reusing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Translucent or grey paste with slight hydrocarbon odour.

**Solubility:** Insoluble in water

**Specific Gravity (25 °C):** .985

**Relative Vapour Density (air=1):** Not determined

**Vapour Pressure (20 °C):** Not determined

**Flash Point (°C):** Not determined

**Flammability Limits (%):** Not determined

**Autoignition Temperature (°C):** Not determined

**Melting Point/Range (°C):** Not determined

**Boiling Point/Range (°C):** Not determined

**pH:** Not determined

## MATERIAL SAFETY DATA SHEET

(Typical values only - consult specification sheet)

### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable

**Conditions to avoid:** none.

**Incompatible Materials:** Can react with strong oxidizing agents. Water, moisture or humid air can cause hazardous vapors to form.

**Hazardous decomposition products:** Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide, Formaldehyde, Nitrogen oxides and Metal oxides.

**Hazardous reactions:** Hazardous polymerization will not occur.

### 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Acute Effects**

**Inhalation:** Material may be irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin will result in irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

**Eye contact:** An eye irritant.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Long Term Effects:** No information available for product.

**Acute toxicity / Chronic toxicity**

No LD50 data available for the product.

### 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Mobility:** No information available.

### 13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

### 14. TRANSPORT INFORMATION

## MATERIAL SAFETY DATA SHEET

### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (I MDG Code) for transport by sea.

### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

**Poisons Schedule (Aust):** None allocated

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

### CONTACT POINTS

**POISONS INFORMATION CENTRE:**  
**POLICE OR FIRE BRIGADE: 000**

**131126** (from anywhere in Australia)  
**EXCHANGE: 132203**

Name: John Spero  
0417145022

Title: Development Chemist

### Acronyms:

**ADG Code:** Australian Code for the Transport of Dangerous Goods by Road and Rail.  
**AICS:** Australian Inventory of Chemical Substances.  
**CAS No.:** Chemical Abstracts Service Registry Number.  
**Hazchem Code:** Emergency action code of number and letter that provides information to Emergency Services in case of accidents or fire.  
**IARC:** International Agency for Research on Cancer.  
**ASCC:** Office of Australian Safety and Compensation Council.  
**NTP:** National Toxicology Program (USA).  
**R-Phrase:** Risk Phrase.  
**SUSDP:** Standard for the Uniform Scheduling of Drugs and Poisons.  
**UN No.:** United Nations Number

### Literary reference

This Material Safety Data Sheet has been prepared by Atherton Chemicals on behalf of its client.



47 Industrial Park Drive, Lilydale VIC 3140  
P: 03 9739 4311 F: 03 9739 4355  
[admin@athertonchemicals.com.au](mailto:admin@athertonchemicals.com.au)

## MATERIAL SAFETY DATA SHEET

Reason(s) For Issue: First Issue

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Atherton Chemicals cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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