

# SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty "B" Page 1 of 6  
Date of Issue: September 2024

Hazardous according to criteria of Worksafe Australia

## 1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

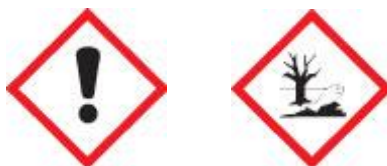
Product Name: PROLONG SYNTHETIC RUBBER PUTTY "B"  
Product Code: 95070B  
Major Recommended Use: Synthetic Elastomer when mixed with "A".  
Company: Peerless Industrial Systems Pty Ltd  
ABN: 14 097 615 391  
Address: PO Box 407 Cloverdale WA 6985 AUSTRALIA  
Telephone Number: 61 (08) 9477 3788  
Fax Number: 61 (08) 9477 3766  
Email: [service@peerlessindustrialsystems.com](mailto:service@peerlessindustrialsystems.com)  
Emergency Telephone Number: 13 11 26

## 2 HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia.

### GHS Label Element

Hazard pictograms:



Signal Word:

Danger

Hazard Classifications:

Acute Toxicity – Inhalation – Category 4  
Skin Corrosion/Irritation – Category 2  
Serious Eye Damage/Irritation – Category 2A  
Sensitisation – Respiratory – Category 1  
Sensitisation – Skin – Category 1  
Carcinogenicity – Category 2  
Specific Target Organ Toxicity (Single Exposure) – Category 3 Respiratory Tract Irritation  
Specific Target Organ Toxicity (Repeated Exposure) – Category 2

Hazard statements:

H315 Causes skin irritation.  
H317 May cause allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P102 Keep out of reach of children  
P103 Read label before use  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dust, fume, gas, mist, vapours or spray.  
P264 Wash hands, face and all exposed skin thoroughly after handling.  
P271 Use only outdoors in a well ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P281 Use personal protective equipment as required.  
P285 In case of inadequate ventilation wear respiratory protection.

Response statements:

P101 If medical advice is needed, have a product container or label in hand.  
P302+P352 IF ON SKIN: Wash with soap and water.

# SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty "B" Page 2 of 6  
Date of Issue: September 2024

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P342+P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.  
P362 Take off contaminated clothing and wash before reuse.

**Disposal:** P501 Dispose of contents/ container in accordance with local, regional, national and international regulations.

**Poison Schedule (Australia)** S6. Poison

**Other hazards which do not result in classification:** None known.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
4, 4' – diphenylmethane diisocyanate (MDI)	101-68-8	30 - 60%
Ingredients determined not to be hazardous	not applicable	to 100%

## 4 FIRST AID MEASURES

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

**General advice:** Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.

**If inhaled:** Effects may be delayed. 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. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a face mask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek medical advice.

**In case of skin contact:** Effects may be delayed. If skin or hair contact occurs, immediately remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a Doctor; or for 15 minutes and transport to Doctor or Hospital.

**In case of 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 a Doctor or Hospital.

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

**PPE for First Aiders:** Wear safety shoes, overalls, gloves, safety glasses, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests

# SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty "B" Page 3 of 6  
Date of Issue: September 2024

that gloves made from 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 re-using.

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

## 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting: Do not allow run-off from firefighting to enter drains or water courses.

Hazardous combustion products: No hazardous combustion products are known.

Specific extinguishing methods: Collect contaminated fire extinguishing water separately. This must not be discharged to drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment: In the event of fire, wear self-contained breathing apparatus.

## 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.  
Deny access to unprotected persons.

Environmental precautions: Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

## 7 HANDLING & STORAGE

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Advice on safe handling: Do not breathe vapours or spray mist.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which a mixture is being used.  
Smoking, eating and drinking should be prohibited in the application area.  
Follow standard hygiene measures when handling chemical products.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
When using do not smoke.

# SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty "B" Page 4 of 6  
Date of Issue: September 2024

Wash hands before breaks and at the end of the workday.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Store in accordance with local regulations.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### Personal protective equipment

Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.  
The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/ vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates it is necessary.

Eye protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.

## 9 PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Black
Odour:	None discernible
Odour Threshold:	Not available
pH:	Not available
Melting Point:	Not available
Boiling Point (@760mm Hg):	> 205°C
Flashpoint (°C):	> 195°C Closed Cup
Evaporation rate:	No data available
Flammability:	Not applicable
Upper explosion limit:	Not available
Lower explosion limit:	Not available
Vapour Pressure (mm Hg):	< 10 @ 20°C
Relative Vapour Density:	Not available
Density:	1.03
Solubility in Water:	Slight (0.1-2.5%)
Partition Coefficient n-Octanol/Water	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Per cent Volatiles:	< 0.5%
Volatile Organic Compounds:	< 0.5%

## 10 STABILITY & REACTIVITY

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: The product is chemically stable.

# SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty "B" Page 5 of 6  
Date of Issue: September 2024

Possibility of hazardous reactions: Stable under recommended storage conditions.  
Conditions to avoid: Not applicable.  
Incompatible materials: Oxidising agents.  
Hazardous Decomposition Products: Oxides of carbon and nitrogen, smoke and other toxic fumes.  
Hazardous Transformation Products: 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:

**Skin contact :** Contact with skin will result in irritation. A skin sensitiser. 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

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

**Acute toxicity:** Not classified based on available information.

### Chronic toxicity:

**Germ cell mutagenicity:** Not classified based on available information.

**Carcinogenicity:** Not classified based on available information.

**Reproductive toxicity:** Not classified based on available information.

**STOT – single exposure:** Not classified based on available information.

**STOT – repeated exposure:** Not classified based on available information.

**Aspiration toxicity:** Not classified based on available information.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.

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

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

### Other adverse effects

#### Product:

Additional ecological information: Avoid contaminating waterways or discharging to sewers. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13 DISPOSAL CONSIDERATIONS

# SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty "B" Page 6 of 6  
Date of Issue: September 2024

## Disposal methods

Waste from residues:

The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging:

Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

## 14 TRANSPORT INFORMATION

### Road & Rail Transport

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG 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

### Safety, health and environmental regulations / legislation specific for the substance or mixture.

Standard for the Uniform Scheduling Schedule 5  
of Medicines and Poisons:

International Chemical Weapons Convention (CWC) Not applicable  
Schedules of Toxic Chemicals and Precursors

Prohibition / Licensing Requirements: There is no applicable prohibition or notification / licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

### The components of this product are reported in the following inventories:

AICS: On the inventory, or in compliance with the inventory.

## 16 OTHER INFORMATION

Date format: **September 2024**

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: [www.epigen.com.au](http://www.epigen.com.au)

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