

SAFETY DATA SHEET

Product: Prolong Synthetic Rubber Putty Ultra "A" Page 1 of 6
Date of Issue: March 2021

Hazardous according to criteria of Worksafe Australia

1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

Product Name: PROLONG SYNTHETIC RUBBER PUTTY ULTRA "A"
Product Code: 95078A
Major Recommended Use: Synthetic Elastomer when mixed with "B".
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
Emergency Telephone Number: 13 11 26

2 HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Precautionary statements: P273 Avoid release to the environment.

Response statements: P391 Collect spillage.

Storage: Not allocated.

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

Poison Schedule (Australia) Not Applicable

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

DANGEROUS GOODS CLASSIFICATION

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".

Dangerous Goods Class: 9

Australian Special Provisions; AU01: Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subject to this code (ADG 07) when transported by road or rail in;

- (a) Packagings that do not incorporate a receptacle exceeding 500kg (L); or
- (b) IBC's.

Classified as Combustible C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements as of AS 1940. Refer to State Regulations for storage and transport requirements.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Benzenediamine, ar ,ar-diethyl-ar-methyl-	68479-98-1	1 - 5%
Ingredients determined not to be hazardous	not applicable	to 100%

4 FIRST AID MEASURES

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

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If inhaled:	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.
In case of 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.
In case of eye contact:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed:	Clean mouth with water and drink afterwards plenty of water. DO NOT induce vomiting and call a physician.
Most important symptoms and effects, both acute and delayed.	irritant effects sensitising effects Allergic reactions Dermatitis See Section 11 for more detailed information on health effects and symptoms. May cause allergic skin reaction
Notes to physician:	Treat symptomatically.

5 FIRE FIGHTING MEASURES

Hazchem Code:	3Z
Suitable extinguishing media:	If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).
Specific hazards during fire fighting:	Combustible Liquid. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable clothing if risk of exposure to vapour or products of combustion or decomposition.
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.

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Dangerous Goods – Initial Emergency Response Guide No: 47

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.
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: Odourless
Odour Threshold: Not available
pH: Not available
Melting Point: Not available
Boiling Point (@760mm Hg): Not available

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Flashpoint (°C):	> 100°C
Evaporation rate:	No data available
Flammability:	Not applicable
Upper explosion limit:	Not available
Lower explosion limit:	Not available
Vapour Pressure (mm Hg):	Not available
Relative Vapour Density:	Not available
Density:	1.3
Solubility in Water:	Slight (0.1-2.5%)
Solubility in n-Octanol:	Complete (100%)
Partition Coefficient n-Octanol/Water	No data
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 when stored and used as directed.
Possibility of hazardous reactions:	Stable under recommended storage conditions.
Conditions to avoid:	Elevated temperatures and sources of ignition.
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 may result in irritation.
Eye contact:	May be 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.

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Aspiration toxicity: Not classified based on available information.

12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material is classified as a Category Acute 2 Hazard. Acute toxicity estimate (based on ingredients): 1 – 10 mg/L

Long-term aquatic hazard: This material has been classified as a Category Chronic 2 Hazard. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): 1 – 10 mg/L, where the substance is not rapidly degradable and/or BCF \geq 500 and/or log Know \geq 4.

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

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

International Regulation

IATA-DGR

UN/ID No. UN 3082
Proper Shipping Name: Environmentally hazardous substance, liquid, N.O.S.
Class: 9
Packing group: III
Labels: 9
Packing instruction (cargo aircraft): 964
Packing instruction (passenger aircraft): 964

IMDG-Code

UN number: UN 3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Class: 9
Packing group: III

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Labels: 9
EmS Code: F-A, S-F
Marine pollutant: This material is classified as a Marine Pollutant (P) according to the International Maritime Dangerous Goods Code

Road & Rail Transport

"Australian Code for the Transport of Dangerous Goods by Road & Rail"

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in packaging, IBC's or any other receptacles not exceeding 500 Kg (L).

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: 20 January 2021

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

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