SAFETY DATA SHEET

Prepared to Globally Harmonized System of Chemical Classification & CFR 1910.1200

1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

Product Name:	PROLONG KIS "B"
Product Code:	95079B
Major Recommended Use:	Resin binder when mixed with "A".
Manufacturer:	Peerless Industrial Systems Pty Ltd (Australia)
Telephone Number:	+61 (08) 9477 3788
Email:	service@peerlessindustrialsystems.com
USA Domestic Importer:	PEP LLC (Michigan USA)
Telephone Number:	+1 (937) 620-3618
Email:	service@epigenusa.com

2 HAZARDS IDENTIFICATION

GHS Classification
Skin Corrosion/Irritation Category 2,
Eye Irritation Category 2A,
Respiratory Sensitizer Category 1,
Skin Sensitizer Category 1,
Carcinogenicity Category 2,
Specific target organ toxicity - repeated exposure Category 2

GHS Label Element
Hazard pictograms:

Signal Word: DANGER

Hazard statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H373 May cause damage to organs..

Precautionary statements:
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P201 Obtain special instructions before use.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P281 Use personal protective equipment as required.
P285 In case of inadequate ventilation wear respiratory protection.
P272 Contaminated work clothing should not be allowed out of the workplace.

Response statements:
P308+P313 IF exposed or concerned: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/attention 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.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Poison Schedule (Australia) **S5**

Other hazards which do not result in classification

None known.

3 COMPOSITION/INFORMATION ON INGREDIENTS

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

4 FIRST AID MEASURES

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

If inhaled:
Move to fresh air.
Other measures are usually unnecessary.

In case of skin contact:
Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
Seek Medical attention in the case of persistent irritation.

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.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

Most important symptoms: and effects, both acute and delayed.
irritant effects
sensitising effects
Dermatitis
See Section 11 for more detailed information on health effects and symptoms.
Causes skin irritation
May cause allergic skin reaction
Causes eye irritation

Notes to physician:
Treat symptomatically.

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.
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 in a well-ventilated area General exhaust is adequate under normal operating conditions. Refer also to protective measures for the other component used with the product. Read both SDS before using; store and attach SDS together.

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:	Clear
Odour:	None discernible
Odour Threshold:	Not available
pH:	Not available
Melting Point:	Not available
Boiling Point (@760mm Hg):	Not available
Flashpoint (°C):	> 200°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):	Not available
Relative Vapour Density:	Not available
Density:	1.1
Solubility in Water:	Insoluble
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.
Possibility of hazardous reactions:	Stable under recommended storage conditions.
Conditions to avoid:	Heat and sources of ignition.
Incompatible materials:	Strong oxidizing materials.

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 can result in irritation. A skin sensitiser. Repeated or prolonged skin contact may lead to allergic skin reaction in predisposed individuals.

Eye contact: Causes serious eye irritation.

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

Inhalation: Material The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

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.

Information specifically related to 4, 4' – Diphenylmethane diisocyanate (MDI)

TOXICITY	IRRITATION
Dermal (rabbit) LD50: >6200 mg/kg	Dermal Sensitiser
Inhalation (rat) LC50: 0.49 mg/l4 h	Respiratory Sensitiser
Oral (rat) LD50: >2000 mg/kg[	Skin (rabbit): 500 mg /24 hours

12 ECOLOGICAL INFORMATION

Ecotoxicity:

4, 4' – Diphenylmethane diisocyanate (MDI)

Endpoint	Test Duration (hr)	Species	Value
EC50	24	Crustacea	129.7mg/L
EC50	72	Algae/aquatic plants	>1640mg/L
NOEC	504	Crustacea	>10mg/L
LC50	96	Fish	>0.500mg/L

Persistence and degradability: 4, 4' – Diphenylmethane diisocyanate (MDI) - LOW

Bioaccumulative potential: 4, 4' – Diphenylmethane diisocyanate (MDI) - LOW

Mobility in soil: 4, 4' – Diphenylmethane diisocyanate (MDI) - LOW

Other adverse effects

Product:

Additional ecological information: Avoid contaminating waterways or discharging to sewers.

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. NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

IMDG-Code NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Road & Rail Transport NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

15 REGULATORY INFORMATION

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

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: October 2026

Safety Data Sheets are updated frequently. Please ensure that you have a current copy. SDS may be obtained from the following website: epigenusa.com and epigen.com.au

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising from or in any way connected with the handling, storage, use or disposal of the material