

## 1 IDENTIFICATION

### Product Identifier

**Product Name:** Pebble-Mix Resin Part A

**Product Name:** Pebble-Mix Resin Kits

**Product Code:** RUVS85176W

### Recommended use of the chemical and restrictions on use

**Recommended use:** 5.5kg UV Stable two-component aliphatic polyurethane stone binder kit, designed to be mixed with 100kg pebble per kit.

### Details of manufacturer or importer

**Manufacturer:** **MPS Paving Systems Australia Pty Ltd**  
79-81 Intrepid Street Berwick  
VIC 3806 Australia  
+61 3 9707 0077

### Emergency Phone Number

**Emergency Phone:** + 61 3 9888 9888

## 2 HAZARDS IDENTIFICATION

### Classification

#### **Globally Harmonized System (GHS)**

Not classified as hazardous according to the criteria of Safe Work Australia - Globally Harmonized System (GHS).

#### **Poisons Schedule**

Not a poison.

### Label elements

#### **Pictograms**

Not applicable.

#### **Hazard statement(s)**

Not applicable.

#### **Precautionary Statements - Prevention**

Not applicable.

#### **Precautionary Statements - Response**

Not applicable.

#### **Precautionary Statements - Storage**

Not applicable.

#### **Precautionary Statements - Disposal**

Not applicable.



### 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Not applicable.

### 4 FIRST AID MEASURES

#### Description of First Aid Measures

<b>Eye contact</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
<b>Skin contact</b>	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If necessary, call a poison centre or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
<b>Ingestion</b>	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### Symptoms caused by exposure

Not applicable.

#### Medical attention and special treatment

Provide general supportive measures and treat symptomatically. Keep the victim under observation. Symptoms may be delayed.

**Note to physicians:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

### 5 FIRE-FIGHTING MEASURES

#### Suitable extinguishing equipment

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment including water spray, fog, or mist, dry chemical powder, foam, or carbon dioxide.

#### Specific hazards arising from the chemical

**Hazardous thermal decomposition products** Carbon dioxide, carbon monoxide.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, TGA (approved or equivalent) and full protective gear. Isolate materials not yet involved in the fire and protect personnel. Move containers from the fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.



## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. For personal protection see section 8.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
<b>Methods for containment</b>	Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with a non-combustible absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see section 13).
<b>Methods for cleaning up</b>	Stop leak if without risk. Move containers from the spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

## 7 HANDLING AND STORAGE

### Precautions for safe handling

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.
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### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store locked up. Keep the container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.
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## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control parameters

Not applicable.

#### **Biological Monitoring**

No information available.

#### **Control banding**

No information available.

### Engineering controls

Handle in accordance with good industrial hygiene and safety practice.  
 Use only with adequate ventilation. Avoid breathing vapour or mist.  
 Put on appropriate personal protective equipment (see below). Do not get in eyes or on skin or clothing. Do not ingest.  
 Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse containers.



**Individual protection measures, such as personal protective equipment (PPE)**

<b>Eye/face protection</b>	Safety glasses or chemical goggles as appropriate to prevent eye contact.
<b>Skin and body protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, a TGA or equivalent approved respiratory protection should be worn.
<b>General Hygiene Considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9 PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<u>Property</u>	<u>Values</u>	<u>Property</u>	<u>Values</u>
<b>Physical State</b>	Liquid	<b>Flash point</b>	> 190 cc
<b>Colour</b>	Amber	<b>Auto-ignition temperature</b>	> 300 deg C
<b>Odour</b>	Slight odour	<b>pH</b>	No information available
<b>Melting point/freezing point</b>	No information available	<b>Kinematic viscosity</b>	1500-2500mPas@25 deg C
<b>Boiling point/boiling range</b>	No information available	<b>Solubility</b>	No information available
<b>Flammability (solid, gas)</b>	No information available	<b>Vapour pressure</b>	No information available
<b>Flammability Limit in Air</b>		<b>Density</b>	No information available
<b>Upper flammability limit:</b>	No information available	<b>Relative Density</b>	0.95-1.05@25 deg C
<b>Lower flammability limit:</b>	No information available	<b>VOC Content</b>	No information available

**10 STABILITY AND REACTIVITY****Reactivity**

The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Contact with acids.

**Incompatible materials**

- Oxidizing agents.
- Acids.



**Hazardous Decomposition Products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11 TOXICOLOGICAL INFORMATION****Information on toxicological effects**

<b>Acute toxicity</b>	Not applicable.	<b>Germ cell mutagenicity</b>	Not applicable.
<b>Skin corrosion/irritation</b>	This chemical may cause skin irritation.	<b>Carcinogenicity</b>	Not applicable.
<b>Serious eye damage/irritation</b>	This chemical may cause eye irritation or redness.	<b>Reproductive toxicity</b>	Not applicable.
<b>Respiratory or skin sensitisation</b>	Not applicable.	<b>STOT - single exposure</b>	Not applicable.
		<b>STOT - repeated exposure</b>	Not applicable.
		<b>Aspiration hazard</b>	Not applicable.

**Information on likely routes of exposure**

<b>Eye contact</b>	Direct contact may cause pain, irritation, watering or redness.
<b>Inhalation</b>	No information available.
<b>Skin Contact</b>	May cause redness and skin irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Eye contact</b>	Pain, irritation, watering or redness.
<b>Inhalation</b>	No information available.
<b>Skin Contact</b>	Redness and irritation.
<b>Ingestion</b>	Discomfort in mouth, throat or stomach.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Eye contact</b>	Not applicable.
<b>Inhalation</b>	Not applicable.
<b>Skin Contact</b>	Not applicable.
<b>Ingestion</b>	Not applicable.

**12 ECOLOGICAL INFORMATION**

Not regarded as environmentally toxic.

**Persistence and degradability**

Not applicable.

**Bioaccumulation**

Not applicable.



**Mobility in soil**

Not applicable.

**Other adverse effects**

Not applicable.

**13 DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

**14 TRANSPORT INFORMATION**

**Land transport (ADG)** Not regulated as dangerous goods.

**Air transport (ICAO-IATA/DGR)** Not regulated as dangerous goods.

**Sea transport (IMDG)** Not regulated as dangerous goods.

**15 REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture**

The components of this preparation are either listed on the following national registers or are exempt from any requirement of those registers

<b>Australia</b>	Australian Inventory of Industrial Chemicals (AIIC)
<b>European Union</b>	European Inventory of Existing Commercial chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), No-Longer Polymers (NLP)
<b>Canada</b>	Domestic Substances List (DSL), Non-Domestic Substances List (NDSL)
<b>China</b>	The Inventory of Existing Chemical Substances (IECSC)
<b>Japan</b>	Inventory of Existing and Notified Substances (ENCS), ISHL Existing Substances List (ISHL)
<b>Korea</b>	Korea Existing Chemicals List (KECL)
<b>New Zealand</b>	New Zealand Inventory of Chemicals (NZIoC)
<b>Philippines</b>	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
<b>United States of America</b>	Toxic Substances Control Act Inventory (TSCA)

**16 OTHER INFORMATION****SDS Information**

<b>ADDITIONAL COMMENTS:</b>	None
<b>DATE OF PREVIOUS SDS:</b>	September 2024
<b>CHANGES SINCE PREVIOUS SDS:</b>	Section updates



## **Definitions and abbreviations**

<b>IARC:</b>	International Agency for Research on Cancer	<b>IATA:</b>	International Air Transport Association
<b>OEL:</b>	Occupational Exposure Limits	<b>DGR:</b>	IATA Dangerous Goods Regulations
<b>TWA:</b>	Time Weighted Average	<b>IMDG:</b>	International Maritime Dangerous Goods Code
<b>STEL:</b>	Short Term Exposure Limit	<b>HICS:</b>	Australian Hazardous Chemical Information System
<b>OSHA:</b>	Occupational Safety and Health Administration	<b>SUSMP:</b>	Australian Standard for the Uniform Scheduling of Medicines and Poisons
<b>TGA:</b>	Therapeutic Goods Association Australia	<b>AIIC:</b>	Australian Inventory of Industrial Chemicals
<b>REL:</b>	Recommended Exposure Limit (NIOSH)	<b>TSCA:</b>	Toxic Substances Control Act
<b>CC:</b>	Closed Cup (Flash point)	<b>NFPA:</b>	United States National Fire Protection Association
<b>ADG:</b>	Australian Dangerous Goods Code	<b>HMIS:</b>	United States Hazardous Materials Information System
<b>ICAO:</b>	International Civil Aviation Organisation		

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