

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

**PRODUCT NAME:** Premseal 450  
**OTHER NAMES:** Densoseal 450  
**RECOMMENDED USE:** Waterproofing and road repair tape for reflective cracking.  
**MANUFACTURER'S NAME:** DENSO (AUSTRALIA) PTY LTD  
**REGULAR TELEPHONE NUMBER:** +61 3 9356 7600  
**EMERGENCY TELEPHONE NUMBER:** **POISONS INFORMATION LINE: 13 11 26 (Australia)**  
**NZ POISONS CENTER: 0800 764 766 (New Zealand)**  
+61 3 9356 7616 or +61 402 867 141  
**FACSIMILE NUMBER:** +61 3 9356 7699  
**ADDRESS:** 77-95 National Boulevard, Campbellfield, VIC 3061,  
AUSTRALIA

## 2. HAZARDOUS IDENTIFICATION

Not classified as hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS).  
Not classified as hazardous according to Safe Work Australia.  
Not classified as Dangerous Goods according to Australian Code for the Transport Dangerous Goods by Road and Rail.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT CONTAINS	CONCENTRATION (%W/W)
Woven Polypropylene	<30%
Modified bitumen compound	>70%

## 4. FIRST AID MEASURES

**GENERAL ADVICE:** Show this safety data sheet to the doctor in attendance.

**SKIN CONTACT** Wash with soap and water. (HOT CONTACT: immerse in plenty of cold water. Do not attempt to remove bitumen using any other agent. Seek medical advice).

**EYE CONTACT** Immediately irrigate with plenty of water for 15 minutes. Seek medical advice if irritation persists. (HOT CONTACT: immerse in plenty of water. Do not attempt to remove bitumen using any other agent. Obtain immediate medical advice).

**INHALATION** Not considered hazardous except in fires. See sections 5 & 10.

**INGESTION** Do not induce vomiting. Seek medical advice.

**SYMPTOMS CAUSED BY EXPOSURE:**  
No data available.

## **MEDICAL ATTENTION AND SPECIAL TREATMENT:**

No data available.

## 5. FIREFIGHTING MEASURES

**EXTINGUISHING MEDIA** Carbon dioxide, dry powder, chemical foam.

**DO NOT USE** Water jet.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL** May produce toxic fumes including oxides of carbon and nitrogen and hydrogen chloride.

**PROTECTIVE EQUIPMENT**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

**6. ACCIDENTAL RELEASE****PERSONAL PRECAUTIONS**

None.

**ENVIRONMENTAL PRECAUTIONS**

Solid tape product. Presents no environmental problems if collected and disposed of correctly. Refer to Section 13 for disposal considerations.

**METHOD OF CLEANING**

Collect in a container. Dispose of as in Section 13.

**7. HANDLING AND STORAGE****HANDLING**

Gloves and eye protection recommended when applying product. Keep away from food, drink and animal feeding stuffs. Do not handle until all safety precautions have been read and understood.

**STORAGE**

Store away from heat and open flame.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****EXPOSURE LIMITS**Bitumen: TWA, 8-hr limit: 5 mg/m<sup>3</sup> STEL, 15 min limit: 10 mg/m<sup>3</sup>**BIOLOGICAL LIMIT**

No biological limits allocated.

**VALUES****ENGINEERING**

Ensure adequate ventilation during application.

**CONTROLS****RESPIRATORY**

Required when ventilation is not sufficient.

**PROTECTION****SKIN PROTECTION**

Gloves recommended when applying product. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

**EYE/FACE PROTECTION**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with Australia/New Zealand Standard AS/NZS 1337.

**OTHER**

Not available.

**9. PHYSICAL & CHEMICAL PROPERTIES****APPEARANCE:**

Bituminous Tape.

**FLASH POINT:**

Not available.

**ODOUR:**

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**BOILING POINT:**

Not available.

**SPECIFIC GRAVITY:**

Not available.

**EXPLOSION LIMITS:**

Not considered to be explosive.

**% VOLATILE:**

Not available.

**COLOUR:**

Black.

**SOLUBILITY IN WATER:**

Insoluble in water.

**VAPOUR PRESSURE:**

Not relevant.

## 10. STABILITY AND REACTIVITY

<b>REACTIVITY</b>	None.
<b>CHEMICAL STABILITY</b>	Stable under normal conditions of storage and handling.
<b>CONDITIONS TO AVOID</b>	Heat and open flame.
<b>MATERIALS TO AVOID</b>	Aromatic solvents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	In a fire, black smoke, toxic fumes of carbon dioxide/monoxide.
<b>HAZARDOUS POLYMERISATION</b>	None known other than in fire.

## 11. TOXICOLOGICAL INFORMATION

<b>TOXICOLOGY INFORMATION:</b>	Component: Bitumen: Dermal (rat) LD50: >2000 mg/kg Oral (rat) LD50: 5000 mg/kg
<b>POSSIBLE ROUTES OF EXPOSURE:</b>	Skin/eye or ingestion. Prolonged or repeated contact with skin/eye can cause irritation.
<b>GERM CELL MUTAGENICITY:</b>	Not expected to be a mutagenic hazard.
<b>CARCINOGENICITY:</b>	Not classified as a carcinogen.
<b>REPRODUCTIVE TOXICITY:</b>	Not considered toxic to reproduction.
<b>STOT-SINGLE EXPOSURE:</b>	Not expected to cause toxicity to a specific target organ.
<b>STOT-REPEATED EXPOSURE:</b>	Not expected to cause toxicity to a specific target organ through prolonged or repeated exposure.
<b>SYMPTOMS/EFFECTS BOTH ACUTE AND DELAYED:</b>	Prolonged or repeated contact with skin can cause irritation.

## 12. ECOLOGICAL INFORMATION

<b>ECO-TOXICITY:</b>	Not regarded as dangerous for the environment.
<b>PERSISTENCE AND DEGRADABILITY:</b>	Data not available.
<b>MOBILITY:</b>	The product is insoluble in water.
<b>BIO-ACCUMULATIVE POTENTIAL:</b>	Data not available.
<b>ENVIRONMENTAL PROTECTION:</b>	Data not available.

## 13. DISPOSAL CONSIDERATIONS

The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Reuse or recycle products wherever possible. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Incineration or landfill should only be considered when recycling is not feasible.

**14. TRANSPORT INFORMATION**

This product is not classified as Dangerous goods for transport according to the Australian code for the Transportation of Dangerous Goods by Road and Rail (ADG Code), IATA or IMDG.

<b>SPECIAL PRECAUTIONS IN CARRIAGE:</b>	None
<b>UN No:</b>	Not allocated
<b>PROPER SHIPPING NAME:</b>	Not allocated
<b>CLASS:</b>	Not allocated
<b>HAZCHEM CODE:</b>	Not allocated
<b>PACKING GROUP:</b>	Not allocated
<b>PACKAGING INSTRUCTION</b>	Not allocated
<b>MARINE POLLUTANT</b>	No

**15. REGULATORY INFORMATION**

This product is not classified as hazardous under the terms of NOHSC:1008 (2004) or as dangerous goods according to the ADG Code.

**AICS (AUSTRALIA) SCHEDULE:** On Australian inventory or in compliance with inventory.

**16. OTHER INFORMATION**

ADG	Australian Dangerous Goods	IATA	International Air Transport Association
ACGIH	American Conference of Governmental Industrial Hygienists	IMDG	International Maritime Dangerous Goods
AICS	Australian Inventory of Chemical Substances	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
HSNO	Hazardous Substances New Organisms	STOT	Specific target organ toxicity
GHS	Globally harmonised system	TWA	Time-weighted average
IARC	International Agency for Research on Cancer	TLV	Threshold limit value

**Date reviewed:** 09 October 2019      **Supersedes:** 02 December 2014

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