

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY**PRODUCT NAME: Denso Bitac Primer (Geofabrics)**

RECOMMENDED USE: Primer for bitumen based tapes
SUPPLIERS NAME: DENSO (AUSTRALIA) PTY LTD
REGULAR TELEPHONE NUMBER: 03 9356 7600
EMERGENCY TELEPHONE NUMBERS: 03 9356 7616 or 0413 700 173
Poisons Information Line: 131126
FACSIMILE NUMBER: 03 9387 6973
ADDRESS: 411-413 Victoria Street
BRUNSWICK VICTORIA 3056

2. HAZARDOUS IDENTIFICATION

This product is classified as hazardous under the terms of NOHSC:1008 (2004).
PRODUCT CLASSIFICATION: Flammable (F), Dangerous for the Environment (N), Harmful (Xn).
These only apply in its raw state. Once product has dried out it reverts to a non-hazardous material.

LABELLING INFORMATION

UN Number: 1999 Tars, Liquids, including cutbacks.
ADG Code: Class 3, Flammable.

Risk phrases

R11 Highly flammable
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: May cause lung damage if swallowed.
R48/20 Harmful: Danger of serious damage to health by prolonged exposure through inhalation.
These only apply in its raw state. Once product has dried out it reverts to a non-hazardous material.

Safety phrases

S16 Keep away from sources of ignition – no smoking
S33 Take precautionary measures against static discharges
S24/25 Avoid contact with skin and eyes
S29 Do not empty into drains
These only apply in its raw state. Once product has dried out it reverts to a non-hazardous material.



Flammable



Environmental



Harmful, Irritant

3. COMPOSITION / INFORMATION ON INGREDIENTS

PRODUCT CONTAINS	RISK SYMBOL	RISK PHRASE	CAS №	CONCENTRATION (W/W%)
Solvent Naphtha Light Aromatic	Xn, N	R11, 65, 51/53	64742-95-6	40–45
Solvent Naphtha Light Aliphatic	F, Xn	R11, 65	64742-89-8	5-10
Toluene	F, Xn	R11, 48/20	108-88-3	5-10

4. FIRST AID MEASURES

SKIN CONTACT: Wash thoroughly with soap and water.
EYE CONTACT: Wash thoroughly with plenty of water for 15 minutes. If irritation persists seek medical advice.
INHALATION: Remove to fresh air. Obtain immediate medical assistance if breathing becomes difficult or symptoms persist.
INGESTION: Do not induce vomiting. Seek immediate medical attention.

THIS SHEET TO BE SHOWN TO EMERGENCY / MEDICAL STAFF



5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide.
DO NOT USE: Water jet
PROTECTIVE EQUIPMENT: Self – contained breathing apparatus may be needed for large fires.
WARNING: May produce toxic fumes if burning. Do not inhale fumes.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ventilate area to accelerate evaporation. Avoid contact with skin and eyes. Keep away from sources of ignition.
ENVIRONMENTAL PRECAUTIONS: Do not allow to enter drains. If this should occur, alert the relevant authorities.
METHOD OF CLEANING: Contain spillage. Absorb onto sand, earth or other inert substance. Shovel into sealed and labelled container and dispose of as in Section 13.

7. HANDLING & STORAGE

HANDLING: Wear oil impervious gloves. Eye / face protection advised.
STORAGE: Store in cool, dry conditions away from sources of ignition. Take precautions against static discharges.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS: Toluene :- 50ppm or 191mg/cu.m.
8hr.TWA. 150ppm or 574mg/cu.m. 15min STEL.solvent
Naphtha :- 100ppm 8hr.TWA 150ppm 15min.STEL.
RESPIRATORY PROTECTION: Ensure adequate ventilation. In confined spaces use exhaust ventilation or suitable respiratory equipment.
SKIN PROTECTION: Wear suitable gloves. Wash splashes from skin with soap and water.
EYE/FACE PROTECTION: Wear safety glasses as a minimum. Goggles or face visor advised.

9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE (state):	Liquid	FLASH POINT:	<10 °C
COLOUR:	Black	% VOLATILES:	< 50%
ODOUR:	Hydrocarbon solvent/ Bitumen	BOILING POINT:	>95 °C
SPECIFIC GRAVITY:	0.9 approx. @ 15 °C	AUTO IGNITION POINT:	480 °C (Toluene)
SOLUBILITY IN H ₂ O @ 20 °C:	Insoluble	SOLUBILITY IN ORGANIC SOLVENTS @ 20 °C:	Very good
EXPLOSION LIMITS	LEL 1.2 - 7.1 v/v% UEL (Toluene)	EVAPORATION RATE:	Not Available

10. STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY: Heat, Flame, sparks and static build-up.
INCOMPATIBILITY: Avoid strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: In a fire, oxides of carbon. (Toxic fumes).

11. TOXICOLOGICAL INFORMATION

Acute Toxicology

- Liquid and vapour can cause irritation to eyes and skin, respiratory and digestive tracts.
- Danger of serious damage to health by prolonged exposure through inhalation.

Chronic Toxicology

- Prolonged exposure may defat skin resulting in possible irritation and dermatitis.
- Product may contain components which cause kidney cancer in rats. This effect is not considered relevant to humans.

12. ECOLOGICAL INFORMATION

Toluene : EC50 (24hr.) Daphnia Magna =7.0mg/litre.

Solvent Naphtha Light Aromatic : Bioaccumulation :- Has the potential to bioaccumulate.
Acute Toxicity (Fish) :- Toxic 1 < LC50 <= 10mg/l.
Acute Toxicity (Daphnia) :- Toxic 1 < EC50 <= 10mg/l.
Acute Toxicity (Algae) :- Toxic 1 < IC50 <= 10mg/l.

13. DISPOSAL CONSIDERATIONS

- Incineration or evaporation of volatiles then landfill in accordance with local regulations.

14. TRANSPORT INFORMATION

SPECIAL PRECAUTIONS IN CARRIAGE: None
MAIN RISK: Flammable liquid.
SUBSIDIARY RISK: -
UN No: 1999
PROPER SHIPPING NAME: Tars, Liquid, including cutbacks
CLASS: 3
HAZCHEM CODE: 2WE
PACKING GROUP: II
MARINE POLLUTANT Yes

15. REGULATORY INFORMATION / REFERENCES:

For Supply :

NOHSC1008 (2004): HIGHLY FLAMMABLE, DANGEROUS FOR THE ENVIRONMENT.
EU Directive 1999/45/EC: HIGHLY FLAMMABLE, DANGEROUS FOR THE ENVIRONMENT.
UK CHIP (2002): HIGHLY FLAMMABLE, DANGEROUS FOR THE ENVIRONMENT.

For Transport :

Australian ADG Regs.: FLAMMABLE LIQUID
EU ADR Regs. : FLAMMABLE LIQUID

16. OTHER INFORMATION

This information is based on data believed by DENSO (AUSTRALIA) PTY LTD to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warrant expressed or implied is made as to its accuracy, completeness or otherwise.

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