MATERIAL SAFETY DATA SHEET

The information contained within this MSDS details health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user of this product should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Gripset Industries Pty Ltd. Gripset Industries Pty Ltd makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Gripset Industries Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

COMPANY DETAILS

Company	:	Gripset Industries Pty Ltd A.C.N. 137 930 093
Address	:	30-32 Park Avenue, Woodville North SA 5012, Australia
Telephone numbers	:	+61 (8) 8124-7300 or 1800 650 435
Facsimile number	:	+61 (8) 8124-7350

IDENTIFICATION

Product Name	:	**Gripset P10**
Other Names	:	None
Manufacturer's Product Code	:	GSP10
UN Number	:	None assigned
Dangerous Goods Class	:	None assigned
Subsidiary Risk	:	None assigned
Shipping Name	:	None assigned
Hazchem Code	:	None assigned
Poisons Schedule Number	:	None assigned

Use

Major recommended uses	:	Solvent free polyurethane resin primer

Physical Description / Properties

Appearance	:	Yellow liquid
Viscosity	:	Approx 400 cps
Vapour Pressure	:	N/A
Volatile Component	:	Not determined
Specific Gravity	:	1.15gr/cc
Flashpoint (°C)	:	> 200°C
Flammability Limits	:	Not spontaneously combustible
Solubility in Water	:	Not soluble, reacts
Solubility in organic solvents (20^0C)	:	Complete

Other Properties

Autoignition Temperature	:	>200°C
Evaporation Rate (ether=1)	:	Not available
Percentage Volatiles (by wt)	:	<2%

Composition/Ingredient Information

Chemical Name:	***CAS Number:***	***Proportion:***
4-4' diphenyl methane di-isocyanate , mixed isomers	101-68-8	>25%

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HEALTH HAZARD INFORMATION

Health Effects

Acute:

Swallowed	:	Toxicity caused by single oral dosage is low. The oral LD50 for rats is >2000mg/kg (body weight)
Eye	:	May cause sensitisation
Skin	:	May cause skin sensitisation.
Inhaled	:	Product is odourless. Harmful by prolonged inhalation
Chronic:	:	Skin sensitivity can be developed following prolonged and repeated contact

First Aid

Swallowed	:	In case of ingestion irritation, seek medical attention.
Eye	:	Rinse carefully with plenty of clean water and seek medical attention.
Skin	:	Contact with skin, remove excess by hand and wash effected area with plenty of soap and water.
Inhaled	:	In case of breathing irritation, seek medical attention.
First Aid Facilities	:	Ensure availability of eye wash fountains and/or water access.
Advice to Doctor	:	Treat symptomatically. If poisoning occurs, contact a doctor or Poisons Information Centre. • *Australia phone: 13 11 26* • *New Zealand: +64 (3) 474 7000*

PRECAUTIONS FOR USE

Exposure Standards : None determined for this product by Worksafe Australia

** **Other Exposure information:** Laboratory tests show no emission of dangerous substances during the use of this product*

Personal Protection

Glove Type	:	Neoprene/rubber gloves.
Eye Protection	:	Safety glasses as appropriate.
Clothing	:	Protective clothing to cover body parts, e.g. long sleeved overalls or similar; and boots.
Other	:	Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

Flammability

Fire Hazards	:	No unusual fire danger. The flash point is >200^{0}C. Not spontaneously combustible

SAFE HANDLING INFORMATION

Storage & Transport

Location	:	Store in a cool area to prolong storage life. Keep container closed at all times and check regularly for leaks. Store away from UV light
Temperature Conditions	:	Best stored at room temperature; Prevent from freezing and keep away from heat sources
Protection from Weather	:	Store undercover and away from heat sources, oxidizing agents and foodstuffs
Storage Incompatibilities	:	Not applicable

Spills & Disposal

Clean Up Spills / Leaks	:	Do not dispose of in drains. Clean up spills by covering with absorbent material (saw dust, sand etc). After 1 hour collect in a waste container. Do not close container (carbon dioxide is developed). Keep humid and leave for several days in open air in a controlled area. Further disposal by incineration in accordance with local laws in force.
Disposal	:	Dispose of in accordance with Local, State and Federal regulations.
Precautions for Clean Up Crew	:	Neoprene rubber gloves

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Fire / Explosion Hazard

Hazard of Use / Storage	:	Not spontaneously combustible
List of Dangerous Decomposition or Combustion Products	:	In event of fire the following substances may form: carbon monoxide; nitric oxide; isocyanate vapours and traces of cyanidric acid.
Types of Extinguisher	:	Foam, CO_2 and Dry Chemical. Use water spray to cool fire exposed surfaces and protect personnel.
Precautions	:	Fire fighters should wear self-contained breathing apparatus.
Protective Clothing	:	Appropriate fire fighting clothing
Reactivity	:	None

OTHER INFORMATION

Ecology	:	Avoid contaminating waterways and sewers.
Chemical Stability	:	Product remains stable when handled to recommended storage conditions
Conditions to be avoided	:	Avoid excessive heat
Reactivity	:	MDI base products react with many substances by generating heat, such as: chemical bases (e.g. caustic soda), ammonia, primary and secondary amine alcohol, water and acids. MDI base products are insoluble in water as they are denser than water' precipitate to the bottom, slowly reacting on the interface. The reaction forms a solid polyuria layer which is not soluble in water and which releases carbon dioxide.
Packaging & Labelling	:	In 10litre metal drum.

CONTACT POINT

Gripset Technical Department	:	+61 (8) 8124-7300 or 1800 650 435
Australia Poisons Information Centre	:	13 11 26
Police & Fire Brigade:	:	000