Material Safety Data Sheet

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Product Name: **SIMSON PRIMER P 500ML**

Not classified as hazardous according to criteria of NOHSC

IDENTIFICATION

Product Name	SIMSON PRIMER P 500ML
Other Names	**Name** / **Mancode**: Simson Primer P 500 ML 023300 / 290432
UN Number	1263
DG Class	3
Packing Group	II
Hazchem Code	3(Y)
Poisons Schedule	Not Scheduled
Product Use	A solvent based aromatic polyisocyanate primer for pourous surfaces.

Physical Data

Appearance	Transparent liquid.
Boiling Point	80°C
Flash Point	< 21°C
Flamm. Limit LEL	Lower:2.0%
Flamm. Limit UEL	Upper:11.5%
Solubility in Water	Slight.
Density	1.0 g/cm3

Other Properties

Autoignition Temp.	> 250 °C
Odour	Sweet.
Colour	Transparent.
Stability	Stable under normal conditions.
Materials to Avoid	Strongly alkaline and strongly acid materials and oxidising agents.

Ingredients

Ingredients	Name	CAS	Proportion
	ethyl acetate	141-78-6	10-30 %
	Aromatic hydrocarbon solvent	64742-95-6	10-30 %
	Non-hazardous trade secret components		To 100 %.
	Isophorone diisocyanate	4098-71-9	< 0.3 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	May be harmful if swallowed.
Acute - Eye	May be an eye irritant.
Acute - Skin	Contact with skin may result in irritation. Harmful in contact with the skin. Can be absorbed through the skin with resultant toxic effects.
Acute - Inhaled	May cause nausea,vomiting and dizziness. Inhalation of vapours will produce concentration-dependent irritating effects on the eyes, nose, throat and respiratory tract. If inhalation is prolonged, narcotic effects may result such as headache, dizziness, tiredness, sleepiness and, in extreme cases, unconsciousness.
Chronic	Repeated or prolonged skin contact can lead to dermatitis.

First Aid

Swallowed	If swallowed, do NOT induce vomiting, seek medical advice. Keep at rest.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
Skin	Remove contaminated clothing and footwear. Wash affected area with plenty of soap and water. If irritation persists seek medical attention.
Inhaled	Remove patient to fresh air. Apply artificial respiration if necessary. Seek medical attention.
First Aid Facilities	Eye wash station, safety shower and normal washroom facilities.

Advice to Doctor

Advice to Doctor	Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	No exposure standard is available for the material as such. Exposure standards for the hazardous components are as follows: Ethyl Acetate: TWA: 200ppm (720mg/m3)(NOHSC-1997), IPDI:(Isocyanates) TWA: 0.02mg/m3, STEL: 0.07mg/m3 - Sensitiser (NOHSC-1995), TWA is the time weighted average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect. These TWAs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible. These TWAs should not be used as fine lines between safe and dangerous concentrations. Sensitiser-a material which can produce a specific immune response in some people (sensitisation). Once sensitisation has occurred the person may then react on exposure to very low levels of that material. Reaction may be in the form of a skin rash or inflammation or as an asthmatic condition. STEL (Short Term Exposure Limit): the airborne concentration of the substance averaged over a 15 minute period. This limit should not be exceeded at any time during the normal eight hour working day.
Eng. Controls	Use with adequate ventilation. Maintain concentration below recommended exposure limit. Explosion proof ventilation system required.

Personal Protection

Respirator Type (AS 1716)	Where ventilation is inadequate, a P1 half facepiece respirator with replaceable filter or disposable facepiece as specified by AS/NZS 1715 and 1716 is recommended.
Eye Protection	Safety glasses,goggles or faceshield as appropriate.
Glove Type	Chemically resistant gloves.

Flammability

Fire Hazards	Highly flammable.

SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport	Store in a cool, dry area (temperatures between 5-25°C), away from open flames, sparks and other sources of ignition. Keep containers closed when not in use. Classified as a Class 3 (Flammable) material according to the , 'Australian Code for the Transport of Dangerous Goods by Road and Rail', therefore should be stored and transported according to the relevant regulations in each state.

Spills and Disposal

Spills & Disposal	If contamination of sewers or waterways has occurred advise the local emergency services. Shut off all possible sources of ignition. Increase ventilation. Remove unprotected personnel from the area. Contain spill using wet inert absorbent such as sand, earth or similiar. Prevent run-off into drains and water-ways. Prevent spreading of flammable vapours. Collect impregnated absorbent in clearly labelled unsealed containers for disposal as per statutory regulations. Clean area where spill occurred.

Fire/Explosion Hazard

Hazardous Decomposition or Byproducts	Oxides of carbon, oxides of nitrogen, isocyanate vapour and possible trace amounts of hydrogen cyanide.
Fire Fighting Procedures	Keep containers cool with water spray.
Fire Fighting Precautions	Fire-fighting personnel to wear self-contained breathing apparatus and protective clothing.
Extinguishing Media	Use CO2, dry chemical or foam. Do not use waterjet.
Hazchem Code	3(Y)

OTHER INFORMATION

Toxicology	Acute toxicity: XYLENE, MIXTURE OF ISOMERS LD50 oral rat : > 4300 mg/kg LC50 inhalation rat : 22 mg/1/4 h
Environ.	This material may be hazardous to the environment, do not discharge to

Protection	drains or water-ways.
Pkg. & Labelling	Classified as Class 3 flammable liquid and hazardous substance according to Worksafe criteria therefore should be packed and labelled according to the relevant regulations.
Technical Data	Refer Product Information Bulletin

CONTACT POINT

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