

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: POLYSTRIPPA

Recommended Use: Heavy bodied paint stripper for all surfaces.

Supplier: Selleys Australia, a division of DuluxGroup (Australia) Pty Ltd
ABN: 67 000 049 427
Street Address: 1 Gow Street,
 Padstow, NSW 2211
 Australia
Telephone Number: +61 2 9781 8777
Facsimile: +61 2 9781 8825
Emergency Telephone: **1 800 033 111 (ALL HOURS)**

2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

Risk Phrases: Limited evidence of a carcinogenic effect.

Safety Phrases: Do not breathe vapour. Avoid contact with skin and eyes. Wear suitable protective clothing and gloves. Avoid exposure - obtain special instructions before use.

Poisons Schedule: S5 Caution.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
Methylene chloride	75-09-2	>60%	R40
Ethyl alcohol	64-17-5	10-<30%	R11
Solvent naphtha (petroleum), light arom.	64742-95-6	1-<10%	R65
Ammonia, aqueous solution	1336-21-6	1-<5%	R34 R37 R41 R50
Additives	-	to 100%	-

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

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Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. A component of this material can be absorbed through the skin with resultant toxic effects. Seek immediate medical assistance.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Avoid giving milk or oils. Seek immediate medical assistance.

Medical attention and special treatment:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion products:

Non-combustible material.

Precautions for fire fighters and special protective equipment:

Heating can cause expansion or decomposition of the material, which can lead to the containers exploding. If safe to do so, remove containers from the path of fire. Decomposes on heating emitting toxic fumes, including those of hydrogen chloride and phosgene. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

Hazchem Code: 2Z

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

Methods and materials for containment and clean up:

SMALL SPILLS: Wear protective equipment to prevent skin and eye contact. Wipe up with rag or absorbent paper.
LARGE SPILLS: Clear area of all unprotected personnel. Work up wind or increase ventilation. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

Product Name: POLYSTRIPPA
Substance No: 000703277501

Issued: 01/07/2010
Version: 6

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Conditions for safe storage:

Store away from sources of heat or ignition. Store away from foodstuffs. Store in a cool, dry, well ventilated place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists and aerosols.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Ammonia: 8hr TWA = 17 mg/m³ (25 ppm), 15 min STEL = 24 mg/m³ (35 ppm)

Ethyl alcohol: 8hr TWA = 1880 mg/m³ (1000 ppm)

Methylene chloride: 8hr TWA = 174 mg/m³ (50 ppm), Carcinogen Category 3, Sk

As published by the National Occupational Health and Safety Commission.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

Carcinogen Category 3 - substances suspected of having carcinogenic potential. The available information is not adequate for making a satisfactory assessment.

'Sk' Notice - absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Personal Protective Equipment:

Selleys Factory Safe Handling Code: Yellow



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MANUFACTURE, PACKAGING AND TRANSPORT: Yellow - Wear overalls (or 'issued' long pants and long sleeve tops), safety boots, gloves, safety glasses and approved solvent canister. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

FOR CONSUMER USE: Use with adequate ventilation. Rubber gloves and eye protection are recommended while handling the product. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Viscous liquid
Colour:	White
Solubility:	Dispersible in water.
Specific Gravity:	1.15
Relative Vapour Density (air=1):	2.9
Vapour Pressure (20 °C):	39 kPa
Flash Point (°C):	None
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
% Volatile by Weight:	94
Solubility in water (g/L):	N Av
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	40
Decomposition Point (°C):	N Av
pH:	10 (neat)
Viscosity:	7000 mPa.s
Evaporation Rate:	N Av
Partition Coefficient:	Not available

10. STABILITY AND REACTIVITY

Chemical stability:	Stable if stored and handled under recommended conditions.
Conditions to avoid:	Avoid contact with foodstuffs. Avoid exposure to heat.
Incompatible materials:	Incompatible with amines and aluminium or light alloys .
Hazardous decomposition products:	Hydrogen chloride. Phosgene.
Hazardous reactions:	Reacts with amines . May react on prolonged contact with aluminium or light alloys releasing gas and causing subsequent pressure build up. Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is greater likelihood of the patient breathing in vomit and causing damage to the lungs.
Eye contact:	May be an eye irritant.

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Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Component/s of this material can be absorbed through the skin with resultant toxic effects.

Inhalation: Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. Breathing in high concentrations may result in an irregular heart beat and prove suddenly fatal.

Long Term Effects:

No information available for the product. For methylene chloride (1): Available evidence from animal studies indicate that repeated or prolonged exposure to this material could result in effects on the liver and kidneys. Some animal test data suggests a carcinogenic potential for this material. These particular data sets are not considered relevant to normal industrial use but do emphasise the need for care in handling.

Toxicological Data: No LD50 data available for the product. For the constituent METHYLENE CHLORIDE (DICHLOROMETHANE): (1):

Oral LD50 (rat): 2100 mg/kg

Inhalation LC50 (rat): 53 mg/m³/7 hours

Methylene chloride is converted to carbon monoxide in the body which reduces the oxygen carrying capacity of the blood. This is reflected in raised carboxyhaemoglobin levels in the blood.

A chronic inhalation study in mice has shown that methylene chloride is carcinogenic in this species. Malignant tumours were observed in both the liver and lung at levels well above the occupational Exposure Standard.

However, additional studies in the mouse, rat and hamster have shown no significant evidence of a carcinogenic effect. The effect in mice is considered specific to this species and is unlikely to occur in humans. This is due to well established differences in the metabolic pathways between rodents and humans.

Several major studies in human workers have shown no causal relationship between exposure to methylene chloride and an increase in the incidence of cancer.

This material has been classified by the International Agency for Research on Cancer (IARC) as a Group 2B. Group 2B - The agent is possibly carcinogenic to humans.

12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid contaminating sewers or drains.

13. DISPOSAL CONSIDERATIONS

Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

14. TRANSPORT INFORMATION

Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

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UN No: 1593
Class-primary: 6.1 Toxic
Packing Group: III
Proper Shipping Name: DICHLOROMETHANE
Hazchem Code: 2Z

Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

UN No: 1593
Class-primary: 6.1 Toxic
Packing Group: III
Proper Shipping Name: DICHLOROMETHANE

IMDG EMS Fire: F-A
IMDG EMS Spill: S-A

Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

UN No: 1593
Class-primary: 6.1 Toxic
Packing Group: III
Proper Shipping Name: DICHLOROMETHANE

15. REGULATORY INFORMATION

Classification: This material is hazardous according to criteria of Safe Work Australia; HAZARDOUS SUBSTANCE.

Hazard Category: Xn: Harmful

Risk Phrase(s): Carc. Cat. 3. R40: Limited evidence of a carcinogenic effect.

Safety Phrase(s): S23: Do not breathe vapour/mist/aerosol.
S24/25: Avoid contact with skin and eyes.
S36/37: Wear suitable protective clothing and gloves.
S53: Avoid exposure - obtain special instructions before use.

Poisons Schedule: S5 Caution.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

(1) Material Safety Data Sheet - Australia Pty Ltd;
10/ 2008.

This safety data sheet has been prepared by SH&E Shared Services, Orica.
For further copies of this sheet or other product information contact Selleys Customer Service.

Phone: 1300 555 205 (Australia wide)
Fax: 1300 555 305 (Australia wide)
Phone: 0800 735 539 (New Zealand)
Fax: 0800 804 583 (New Zealand)

Reason(s) for Issue:

5 Yearly Revised Primary SDS

This safety data sheet has been prepared by SH&E Shared Services.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since DuluxGroup Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.