

# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** 101 Contact Cleaner

**Use:** Contact adhesive cleaner  
**Supplier:** PREMIER GROUP  
251 Milperra Road  
Revesby NSW 2212  
Ph: (02) 9792 4066 Fax: (02) 9792 4074

## SECTION 2. HAZARDS IDENTIFICATION

**Hazard Classification:** Classified as hazardous according to the criteria of NOHSC.

F Highly flammable, Xn Harmful

**Risk Phrases:** R11 Highly flammable. R20 Harmful by inhalation. R63 Possible risk of harm to the unborn child.

**Safety Phrases:** S2 Keep out of reach of children. S16 Keep away from sources of ignition. S25 Avoid contact with eyes. S29 Do not empty into drains. S33 Take precautionary measures against static discharges.

## SECTION 3. COMPOSITION/INFORMATION ON THE INGREDIENTS

CHEMICAL ENTITY :	CAS NO :	PROPORTION :
Toluene	108-88-3	100%

## SECTION 4. FIRST AID MEASURES

**For advice, contact Poisons Information Centre (Phone Australia 13 11 26) or a doctor.**

**Ingestion:** If swallowed, **do not** induce vomiting. Seek medical advice.

**Eye:** Hold eyes open, flood with water for at least 15 minutes. Seek medical advice.

**Skin:** Remove contaminated clothing & wash skin thoroughly.

**Inhalation:** Remove affected person from contaminated area. Apply artificial respiration if not breathing. Urgently seek medical advice.

**Advice to doctor:** Treat symptomatically

## SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Foam, dry chemical or carbon dioxide extinguishers

**Hazards from combustion products:** Carbon dioxide and carbon monoxide

**Precautions for fire fighters and special protective equipment:** Full protective clothing and self-contained breathing apparatus

**Hazchem Code:** 3[Y]E

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment (refer Section 8)

**Methods and materials for containment and cleanup:** Shut off source of leak if safe to do so. Dyke & contain spill with sand or earth. Prevent runoff into drains & waterways. Place used absorbent in clearly labelled containers for disposal as per statutory regulations.

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## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:** Highly flammable. Do not open near sources of heat, naked flames or sparks. No smoking. Keep container closed. Take precautions against static electricity discharges. Ensure equipment & fittings are flame proofed.

**Conditions for safe storage:** Store in a cool, dry, ventilated place. Store away from heat, naked flames, sparks and strong oxidising agents. Keep away from ignition sources.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### National exposure standards:

Toluene : TWA 50ppm, 191 mg/m<sup>3</sup> STEL 150ppm, 574 mg/m<sup>3</sup>

TWA is the average airborne concentration in an 8 hour day for a five day working week.

STEL is the maximum allowable exposure concentration over a 15 minute period.

**Biological limit values:** BEI: Biological Exposure Index - 0.5 mg/l o-Cresol in urine at end of shift.

**Engineering controls:** Use in a well ventilated area only. Maintain air levels below the Exposure Limit. If mechanical ventilation used it must be explosion proof. If air levels exceed Exposure Limit, respiratory protection required.

**Personal protective equipment:** Avoid contact with the skin & eyes and avoid breathing vapours, fumes or spray mists. Always use safety glasses, protective PVC rubber gloves, long sleeves, trousers and safety boots.

If ventilation is inadequate use an air supplied respirator or organic vapour cartridge mask (complying with AS1715 & 1716)

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear liquid. Aromatic odour.  
Boiling point : 110-111°C  
Vapour pressure : 3 – 3.5 kPa @ 20°C  
Specific gravity : approx. 0.87 g/cm<sup>3</sup>  
Flash point : 4°C (Abel)  
Flammability limits : lower : 1.2%v.v. Upper : 8.0%v.v.  
Other properties : immiscible in water

## SECTION 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions

**Conditions to avoid:** Sources of heat and ignition, open flames

**Incompatible materials:** Strong oxidising agents

**Hazardous decomposition products:** Oxides of carbon and smoke may be formed during combustion.

**Hazardous reactions:** Polymerisation will not occur

## SECTION 11. TOXICOLOGICAL INFORMATION

### ACUTE EFFECTS

**Swallowed :** Harmful if swallowed. Tends to break up into a foam if the patient vomits. Upon aspiration into the lungs, chemical pneumonitis may develop.

**Skin :** Irritating to skin..

**Eye :** Irritating to eyes.

**Inhaled :** Inhalation may cause irritation to respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

**Toxicological information:**

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Toluene: LD50>2000mg/kg (oral, rat)  
LD50>2000mg/kg (dermal, rabbit)  
LC50>20mg/L /4 hours (inhalation, rat)

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

Toluene: Fish : toxic:  $1 < LC/EC/IC50 \leq 10\text{mg/l}$   
Aquatic invertebrates : harmful:  $10 < LC/EC/IC50 \leq 100\text{mg/l}$   
Algae : low toxicity:  $LC/EC/IC50 > 100\text{mg/l}$   
Microorganisms : expected to be toxic:  $1 < LC/EC/IC50 \leq 10\text{mg/l}$

**Persistence/degradability:** Readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.

**Mobility:** Floats on water. If product enters soil, it will be highly mobile and may contaminate groundwater.

**Bioaccumulation:** Does not bioaccumulate significantly.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Drain containers and vent away from ignition sources as residue may cause an explosion hazard. Disposal of material and containers should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14. TRANSPORT INFORMATION

	Road and Rail Transport	Marine Transport	Air Transport
UN No.	1294	1294	1294
Proper shipping name	TOLUENE	TOLUENE	TOLUENE
DG Class	3	3	3
Sub. Risk	none	none	None
Packaging group	II	II	II
Hazchem	3[Y]E		

Dangerous goods segregation: Classified as Dangerous Goods by the Australian Dangerous Goods (ADG) Code for transport. Refer to ADG code for segregation requirements.

## SECTION 15. REGULATORY INFORMATION

**Poisons schedule (SUSDP):** S6

## SECTION 16. OTHER INFORMATION

**Reason for issue:** Add R63.

**References:** Supplier material safety data sheets

**Version No. 5**

**Previous issue:** February 2011

This MSDS should be made available to anybody that handles the product. The information is based on our current knowledge and describes health and safety requirements only.