MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	Armstrong World Industries (Australia) Pty. Ltd.
Address	29-39 Mills Road Braeside Vic 3195
Telephone	(03) 9586 5500
Facsimile	(03) 9580 4810
Emergency	(03) 9586 5500
Synonym(s)	Armstrong SC-100 - Contact Adhesive
Use(s)	Contact adhesive for bonding Vinyl floor & wall coverings & PVC extrusions
MSDS Date	1 October 2008

2. HAZARDS IDENTIFICATION

- Classified as Hazardous According to NOHSC Criteria
- Classified as Dangerous Goods by the ADG Code
- Irritating to eyes, skin and respiratory system
- May cause sensitisation by skin contact

Description	Solvent based polychloraprene contact adhesive
UN No	1133
Hazchem Code	3(Y)E
DG Class	3.1
Subsidiary Risk(s)	None Allocated
Poisons	S5
Packaging Group	II
EPG	None Allocated
CAS No	None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	**Formula**	**CAS No**	**Weight %**
Toluene	Not Available	108-88-3	10 - <30%
Acetone	Not Available	67-64-1	10 - <30%
Aliphatic Hydrocarbon Solvent	Not Available	110-54-3	10 - <30%
Non Hazardous Ingredients	Not Available	Not Available	10 - <30%

4. FIRST AID MEASURES

Eye	▪ Immediately hold eyes open and flush continuously for at least 15 minutes with fresh running water. ▪ Ensure irrigation under eyelids by occasionally lifting upper & lower eyelid. ▪ Transport to doctor or hospital without delay.
Skin	▪ Immediately flush skin with plenty of water (warm & soapy if available) for at least 15 minutes while removing contaminated clothing and shoes.
Inhaled	▪ If affected, remove to fresh air. If not breathing apply resuscitation. Transport to doctor or hospital without delay.
Ingestion	▪ If conscious give water to drink do not induce vomiting unless directed by doctor. Call a doctor immediately.
Advice to Doctor	▪ Treat Symptomatically & contact the poisons information centre on 131 126

5. FIRE FIGHTING MEASURES

Flash Point	▪ < -30ºC
Auto-ignition Temperature	▪ Not determined
Lower Explosive Limit	▪ Not determined
Upper Explosive Limit	▪ Not determined
Suitable Extinguishing Media	▪ Carbon dioxide, dry chemical powder, water spray or fog.
Hazards from Combustion	▪ Use of water spray may cause water contamination and will generate carbon dioxide which is a fire hazard in closed containers or confined spaces. ▪ Heating may cause expansion or decomposition leading to explosion of container. ▪ Combustion may emit toxic fumes.
Protective Precautions & Equipment for Fire Fighters	▪ Wear full body protective clothing with breathing apparatus. ▪ Use water delivered as fine spray to control fire and cool adjacent area. ▪ Avoid spraying water onto pools of liquid. ▪ Do not approach container suspected to be hot. ▪ Cool fire exposed containers with water spray from a protected location. ▪ If safe to do so, remove container from path of fire.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

- Evacuate personnel
- Wear full body protective clothing with self contained breathing apparatus
- Take all steps necessary to prevent spillage from entering drains or waterways
- Keep away from, and close off all sources of ignition

▪ Increase ventilation ▪ Contain and absorb spill with sand, earth, insert material or vermiculite ▪ Collect solid residues and seal in drums for disposal. Wash spill area with detergent and water ▪ Do not use water or neutralising agent indiscriminately on large spills ▪ Do not seal or stopper drums but allow to stand outdoors for 48 hours with bung removed ▪ Dispose of waste and empty containers in accordance with federal state and local laws

7. STORAGE AND HANDLING

STORAGE	▪ Store in a cool, dry well ventilated area away from foodstuffs ▪ Keep only in original container
HANDLING	▪ Wear gloves, overalls and eye protection ▪ Do not eat, drink or smoke in the workplace ▪ If ventilation is inadequate, wear suitable respiratory protection.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection	▪ When exposed to vapours or mists, a respiratory protection program meeting Australian and New Zealand Standards AS/NZS-1715 requirements must be followed whenever workplace conditions warrant use of a respirator. ▪ Use organic vapour cartridge. None required if airborne concentrations are maintained below the exposure limit listed in the *Exposure Limit Information*. ▪ Product contains quantities of hydrocarbon solvents, which may cause discomfort in confined spaces, or other poorly ventilated areas during handling and use.
Eye and Hand Protection	▪ Avoid contact with skin and eyes. ▪ Wear chemical splash goggles (AS/NZS-1337) and or approved equivalent. Eye protection worn must be compatible with respiratory system employed. ▪ Wear chemical resistant gloves and footwear. ▪ Always work in well ventilated areas.
Flammability	▪ Highly-flammable liquid containing extremely volatile solvents. Content will burn in the presence of an ignition source. Vapours can travel great distances to potential ignition source.
Engineering Controls (Ventilation)	▪ Adequate ventilation should be provided in work area. A local exhaust ventilation system may be required to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668.

9. PHYSICAL DESCRIPTION/ PROPERTIES

Appearance	Yellow liquid with hydrocarbon & keytones solvent odours
Boiling Point	56.5˚C - 111˚C
Vapour Pressure	18.5mm of Hg at 20˚C
Specific Gravity	Approximately 0.82
Flash Point	<-30˚C

Flammable Limits	LEL: 2.62% UEL: 13%
Vapour Density (air = 1)	Not Available
Solubility in Water	Slightly Soluble

10. STABILITY AND REACTIVITY

Hazardous Reactions	▪ Non known. However due to the highly flammable nature of this product avoid all sparks and flames.

11. TOXICOLOGICAL INFORMATION

Skin	▪ Prolonged or repeated exposure may cause skin irritation and in cases lead to dermatitis
Eye	▪ May cause slight eye irritation. Corneal injury is unlikely
Respiratory	▪ At room temperature, vapours are minimal due to low vapour pressure, although certain operations may generate vapour or aerosol concentrations sufficient to cause adverse effects
Swallowed	▪ Material considered to be harmful if swallowed

12. ECOLOGICAL INFORMATION

Eco-toxicological Effect	▪ Material may be hazardous to the environment ▪ Do not discharge to drain or water ways

13. DISPOSAL CONSIDERATIONS

- Dispose of empty containers in accordance with federal, state and local laws.

14. TRANSPORT INFORMATION

- Classified as 6.1(b) Harmful Substance according to the Australian Code for Transport of Dangerous Goods By Road and Rail (Edition 6, Section 1).

15. REGULATORY INFORMATION

- The material is labelled in accordance with State Poisons Regulations.

16. OTHER INFORMATION

- The advice and information contained herein is based on the original raw materials supplier's information. We believe the information to be accurate and reliable as at the date supplied, but no representation , guarantee or warranty, expressed or implied, is made to the accuracy, reliability, or completeness of the advice and information.

- We urge persons receiving this advice and information to make their own determination as to the advice and information suitability and the completeness for their own particular situation.