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Version 1.5

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MATERIAL SAFETY DATA SHEET

Parfix Building Adhesive		
Statement of Hazardous Nature		
This Material is classified as Hazardous under Worksafe Australia guidelines All components are listed on the AICS		
IDENTIFICATION		
Use: A fast drying solvent borne adhesive for the bonding of decorative laminates to particle board and similar surfaces.	UN Number:	1133
	Class:	3
Correct Shipping Name: ADHESIVE, (containing flammable liquids)	Subsidiary Risk: None allocated	
	Hazchem:	3[Y]E
	Packing Group	III **
Appropriate EPG 3 A 1	Schedule:	5
DESCRIPTION/PROPERTIES:		
Appearance: Greyish, brown and highly viscous liquid	Odour:	aromatic solvent
Percent Volatiles: n.d.	Specific Gravity:	approx. 1.08
Boiling Point: n.d.	Melting Point:	n.d.
Flash Point: < 7°C (Naptha) **	Flammability Limits:	0.7 to 9 % (Naptha)
Pressure: n.d. Vapour Density: > 1	Solubility in water:	Practically insoluble
Other Properties ** Classed as PG III vide ADG Code Volume 2, 3.2.2. Incompatible with oxidising substances.		
INGREDIENTS:	Proportion	CAS No
Petroleum Spirit	30 - 60 %	64742-49-0
Mineral Fillers	30 - 60 %	n.d.
Aliphatic/aromatic hydrocarbon resins	10 - <30%	n.d.
Styrene-Butadiene rubbers	10 - <30%	n.d.
Ingredients determined to be non-hazardous or less than cut-off concentration.	to 100 %	n.a.
Abbreviations: n.a = not applicable, n.d = not determined, n.all. = not allocated Prepared by SSC Pty Ltd Brisbane 07 3821 0176		

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

SWALLOWED

Moderately toxic. Large amounts may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Petroleum Hydrocarbon Resins may foam during ingestion or vomiting and may cause chemical pneumonia if aspirated into the bronchial system.

EYE

Mild irritant. Solvent and its vapours may cause irritation to eyes.

SKIN

Mild irritant. Skin irritant mainly due to defatting effect of solvent after prolonged or repeated skin exposures. Not readily absorbed through skin.

INHALED

Excessive inhalation of vapours can affect the central nervous system. Inhaled vapours may cause irritation to upper respiratory tract.

FIRST AID

Note: If any unexpected symptoms appear transport as soon as possible to hospital or Doctor.

Take this MSDS with the patient and hand to the treating Physician

SWALLOWED

Do not induce vomiting. Rinse mouth out with water and give two glasses of water to drink. If patient involuntarily starts to vomit encourage to lean forward to reduce the risk of aspiration. If symptoms persist seek urgent medical assistance.

EYE

Immediately: Hold eyelids open and flush eye for 15 minutes with water. Ensure inside of eyelid is flushed by gently lifting eyelid away from eye top and bottom. If symptoms persist seek prompt medical attention.

SKIN

Remove contaminated clothing and footwear (while under safety shower if appropriate). Flush affected area with water for 3-5 minutes followed by washing gently with soap and water for a further 5 minutes. Rinse well and pat dry. If symptoms persist seek medical assistance.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

CHRONIC

Repeated or prolonged exposure to high vapour concentrations may have adverse effects on the central nervous system. Prolonged or repeated skin exposures may cause cracking and drying of the skin leading to dermatitis. n-Hexane may cause peripheral neuropathy.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

ADVICE TO DOCTOR:

Provide supportive care based on the Physician's judgment of the patient's reactions to the exposure. Induced emesis should be undertaken with caution due to the possibility of aspiration causing chemical pneumonia. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States

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PRECAUTIONS FOR USE

EXPOSURE STANDARDS (WorkSafe Australia Exposure Standards May 1995)

WorkSafe Australia has not established an exposure standard for this product. The standard for some of the ingredients has been set :

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
n-Hexane (WorkSafe)	50 ppm (20 ppm proposed)	n.all.
Naptha (ACGIH)	1000 ppm	n.all.

ENGINEERING CONTROLS

Use in well ventilated areas and ensure ventilation is adequate to maintain air concentrations below TWA. Use local exhaust ventilation (flame proof) in enclosed areas. Note flammable nature of product.

PERSONAL PROTECTION

Respiratory Protection

Not usually required. If exposure standards may be exceeded use respirator to AS 1715 & 1716 fitted with an organic vapour canister. Use SCBA in confined spaces.

Eye Protection

Use goggles or chemical safety glasses to AS 1337. Do not wear contact lenses while working with this product.

Gloves

When mixing and applying wear rubber, PVA or neoprene gloves to AS 2161.

Clothing

Wear Tyvec or cotton overalls fastened at the neck and wrist.

Industrial Hygiene

Follow normal industrial / chemical hygiene practices.

FLAMMABILITY:

Product is flammable and contains extremely volatile solvents. It should be used only in well ventilated areas away from heat, sparks, naked flames and other ignition sources.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Product is flammable. Store in accordance with AS 1940-93 and local regulations. Transport as UN 1133 Class 3 PG III in accordance with the ADG Code and Regulations, the IMDG Code or the IATA DG Regulation as appropriate to the mode of transport.

SPILLS AND DISPOSAL

Switch off or remove all potential ignition sources. Prevent material entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and respirator. Spread sand, soil or other inert absorbent over pool. When saturated collect into plastic pails or drums. Repeat absorbent if necessary. Seal lids, label and place containers in a safe area to await disposal. Thoroughly ventilate area before allowing re-entry. Disposal must be in accordance with local regulations.

FIRE/EXPLOSION HAZARD

Liquid and vapour highly flammable. Fire may produce irritating or poisonous gases. Heat may cause violent rupture of containers.

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DANGEROUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide, trace amounts of unburnt hydrocarbons may be produced on combustion.

SPECIAL FIRE FIGHTING RECOMMENDATIONS

Keep uninvolved containers cool with water as fine spray. Contain run-off for later collection and controlled disposal.

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide.

PRECAUTIONS

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

OTHER INFORMATION

Use of this material at the same time as any materials which contain MEK (methyl ethyl ketone) must be avoided, as inhalation of the combination of n-Hexane and MEK is far more harmful than either solvent alone. Risk and Safety

Phrases: R11, 20, S16, 25, 29, 33

N-Hexane and naphtha are present as minor components of petroleum spirit.

ENVIRONMENTAL FATE

Toxic to aquatic life forms. Acts as hydrocarbon in soils.

CONTACT POINTS:

Technical enquiries (During normal working hours): 1800 812 864

Emergencies (Spills and Accidents 24 hrs): 1800 807 001

Poisons Information Centre (Nationally): 13 11 26 .

Disclaimer

No representative of Parbury Technologies or any other person has authority to add to, or alter in any way, any MSDS or the information supplied thereon. Any alterations render this MSDS invalid. The information contained herein is believed by Parbury Technologies and SSC Pty Ltd to be accurate at the issue date shown and in accordance with information available to us. Persons dealing with the products referred to in this MSDS do so at their own risk since their actions are beyond our control. Parbury Technologies and SSC Pty Ltd accepts no liability whatsoever for damage or injury arising from the use of the information contained in this document

Prepared by SSC Pty Ltd Brisbane 07 3821 0176