

SAFETY DATA SHEET

Section 1. Identification of the substance / mixture and of the company / undertaking



Product:	SabreFix PS Builders Adhesive AU
Other Means of Identification:	Mixture
Other Name:	Construction Adhesive
Recommended Use of the Chemical and Restriction on Use:	Construction adhesive
New Zealand Supplier:	Sabre Adhesives Ltd 42 Cambridge Street South Levin, 5510, New Zealand
Address:	
Telephone:	+64 (06) 366 0007
Emergency No:	0800 764 766 (National Poison Centre) Sabre
Australian Supplier:	Adhesives Pty Ltd
Address:	Level 6, 10 Herb Elliot Avenue, Sydney, NSW, 2127
Telephone No:	+61 2 9098 8244
Emergency No:	13 11 26 (National Poison Line)
Date SDS Issued:	22 March 2023



Section 2. Hazards Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).

 flame	 health hazard
Flam. Liq. 2 H225 Highly flammable liquid and vapour.	Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

 environment	
Aquatic Acute 1 H400 Very toxic to aquatic life.	Skin Irrit. 2 H315 Causes skin
Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.	STOT SE 3 H336 May cause drowsiness or dizziness.

Signal Word Danger

Hazard Statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary Statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P240	Ground/bond container and receiving equipment.
P242	Use only non-sparking tools.
P273	Avoid release to the environment.
P243	Take precautionary measures against static discharge.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P303+P361 +P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321	Specific treatment (see on this label).
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P391	Collect spillage.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

Section 3. Composition / information on ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components			
142-82-5	Heptane	0 - <50%	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT SE 3, H336
64742-48-9	Naphtha (petroleum), hydrotreated heavy	30%	Asp. Tox. 1, H304; Flam. Liq. 4, H227

Additional information: Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w benzene (EINECS no. 200-753-7) (CAS No. 64742-48-9).

Section 4. First aid measures

Inhalation	<ul style="list-style-type: none">• If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.• Seek medical attention if breathing problems develop.
Skin Contact	<ul style="list-style-type: none">• In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.
Inhalation	<ul style="list-style-type: none">• In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms persist.
Ingestion	<ul style="list-style-type: none">• If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.
Symptoms Caused by Exposure	<ul style="list-style-type: none">• Inhalation: May cause respiratory irritation. Vapours may cause drowsiness or dizziness, headache, nausea, shortness of breath and fatigue. Higher concentrations may cause central nervous system (CNS) depression, incoordination and impaired judgement.• Skin Contact: Causes skin irritation, redness or rash.• Eye Contact: May cause eye irritation, stinging, tearing, redness and swelling.• Ingestion: May cause gastrointestinal irritation, abdominal pain, nausea, vomiting and diarrhoea. May cause CNS depression, dizziness, drowsiness, headache, confusion, muscular weakness and unconsciousness. May be fatal if swallowed and enters airways.

Section 5. Firefighting measures

Extinguishing media	<ul style="list-style-type: none">• Foam, dry chemical or carbon dioxide. Do not use water jet.
Specific Hazards Arising from the Chemical:	
Hazardous combustion products include oxides of carbon and organic compounds. Product is highly flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode. Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.	
Special Protective Equipment and Precautions for Fire Fighters:	
<ul style="list-style-type: none">• When fighting a major fire wear self-contained breathing apparatus and protective equipment.	

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Prepared by: Sabre Adhesives Pty Ltd

Section 6. Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures:

- Wear approved respiratory protection, chemical resistant gloves, safety glasses, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

- In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

- Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Do not use combustible materials such as sawdust. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

Section 7. Handling and storage

Precautions for safe handling

- Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.
- Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for safe storage, including any incompatibilities

- Store in a cool, dry and well ventilated area. Do not use or store in confined spaces. Keep in original container tightly closed when not in use. Protect from heat, sparks, open flames, hot surfaces and direct sunlight. Protect containers from physical damage. Keep away from strong oxidising agents. Do not pressurise, heat, weld, cut or drill on full or empty containers. Handling equipment must be grounded to prevent sparking.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards

142-82-5 Heptane

NES STEL: 2050 mg/m³, 500 ppm

TWA: 1640 mg/m³, 400 ppm

Engineering Controls:	• Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.
Respiratory Protection:	Use an approved organic vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:	<ul style="list-style-type: none"> • Impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. • When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered. • Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.
Eye and Face Protection:	Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

Section 9. Physical and chemical properties

Appearance

Form	Paste
Colour	Opaque brown
Odour	Typical hydrocarbon odour
Odour threshold	No information available
pH-Value	Not applicable
Melting point/Melting range	No information available
Initial Boiling Point/Boiling Range	> 70 °C
Flash point (°C)	< 0 °C (Closed Cup)
Flammability	Highly flammable.
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available

Explosion Limits

Lower	No information available
Upper	No information available
Vapour Pressure	No information available
Relative Density	~1.1
Vapour Density	No information available
Evaporation Rate	No information available
Solubility in Water	Insoluble

Section 10. Stability and reactivity

Possibility of Hazardous Reactions	Hazardous polymerisation will not occur. Possible hazardous reaction with strong oxidising agents.
Chemical stability	Stable at ambient temperature and under normal conditions of use.
Conditions to avoid	Heat, sparks, open flames, hot surfaces and direct sunlight.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	Oxides of carbon and organic compounds.

Section 11. Toxicological information

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral	LD ₅₀	> 5000 mg/kg (rat)
Dermal	LD ₅₀	> 3000 mg/kg (rab)

Acute Health Effects

Inhalation	May cause respiratory irritation. Vapours may cause drowsiness or dizziness, headache, nausea, shortness of breath and fatigue. Higher concentrations may cause central nervous system (CNS) depression, incoordination and impaired judgement.
Skin	Causes skin irritation. May cause redness or rash.
Eye	May cause eye irritation, stinging, tearing, redness and swelling.
Ingestion	May cause gastrointestinal irritation, abdominal pain, nausea, vomiting and diarrhoea. May cause CNS depression, dizziness, drowsiness, headache, confusion, muscular weakness and unconsciousness. May be fatal if swallowed and enters airways.
Skin Corrosion / Irritation	Causes skin irritation.
Serious Eye Damage / Irritation	Based on classification principles, the classification criteria are not met.
Respiratory or Skin Sensitisation	Based on classification principles, the classification criteria are not met.
Germ Cell Mutagenicity	Based on classification principles, the classification criteria are not met.
Carcinogenicity	This product does NOT contain any IARC listed chemicals.
Reproductive Toxicity	Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Single Exposure	May cause drowsiness and dizziness.
Specific Target Organ Toxicity (STOT) - Repeated Exposure	Based on classification principles, the classification criteria are not met.
Aspiration Hazard	May be fatal if swallowed and enters airways.
Chronic Health Effects	Repeated and prolonged occupational overexposure may cause CNS depression leading to unconsciousness and death. Prolonged skin contact may cause skin dryness, cracking and dermatitis. May cause damage to liver and kidneys.
Existing Conditions Aggravated by Exposure	Exposure may aggravate existing dermatitis and skin sensitivity.

Section 12. Ecological information

Ecotoxicity	No information available
Aquatic toxicity	Very toxic to aquatic life with long lasting effects.
Conditions to avoid	No information available
Persistence and Degradability	No information available
Bioaccumulative Potential	No information available
Mobility in Soil	No information available
Other adverse effects	No information available

Section 13. Disposal considerations

Disposal Methods and Containers	Dispose according to applicable local and state government regulations.
Special Precautions for Landfill or Incineration	Please consult your state Land Waste Management Authority for more information.

Section 14. Transport information

UN Number ADG, IMDG, IATA	UN1133
Proper Shipping Name ADG, IMDG, IATA	ADHESIVES containing flammable liquid
Dangerous Goods Class ADG Class	3 Flammable liquids.
Packing Group: ADG, IMDG, IATA	II
Marine pollutant	Yes Symbol (fish and tree)
EMS Number	F-E,S-D
Hazchem Code	.3YE
Limited Quantities	5L
Packagings & IBCs - Packing Instruction	P001, IBC02
Packagings & IBCs - Special Packing Provisions	PP1
Portable Tanks & Bulk Containers - Instructions	T4
Portable Tanks & Bulk Containers - Special Provisions	TP1, TP8

Section 15. Regulatory information

Australian Inventory of Chemical Substances

142-82-5	Heptane
64742-48-9	Naphtha (petroleum), hydrotreated heavy

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule

Poisons Schedule	5
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Section 16. Other information

Date of Preparation or Last Revision	March '23
Prepared by	Sabre Adhesives Pty Ltd

Abbreviations and acronyms:

ADG:	Australian Dangerous Goods
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LC ₅₀ :	Lethal concentration, 50 percent
LD ₅₀ :	Lethal dose, 50 percent
IARC:	International Agency for Research on Cancer
STEL:	Short Term Exposure Limit
TWA:	Time Weighted Average
NES:	National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Flam. Liq. 2:	Flammable liquids, Hazard Category 2
Flam. Liq. 4:	Flammable liquids, Hazard Category 4
Skin Irrit. 2:	Skin corrosion/irritation, Hazard Category 2
STOT SE 3	Specific target organ toxicity - Single exposure, Hazard Category 3
Asp. Tox. 1:	Aspiration hazard, Hazard Category 1
Aquatic Acute 1:	Hazardous to the aquatic environment, short-term (Acute). Category 1
Aquatic Chronic 1:	Hazardous to the aquatic environment, long-term (Chronic). Category 1

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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