

SAFETY DATA SHEET

Version	Revision Date:	SDS Number:	Date of last issue: 13.09.2021
1.2	16.07.2026	100000013393	Date of first issue: 13.09.2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : H.B. Fuller® RAPID GRIP LIQUID
Product code : 100000013393

Manufacturer or supplier's details

Company : H.B. Fuller Company Australia Pty. Ltd.

Address : 16-22 Red Gum Drive Dandenong South, VIC 3175

Telephone : +611800423855

Emergency telephone number : 1800 033 111(AU) 0800 734 607(NZ)

Recommended use of the chemical and restrictions on use

Recommended use : Solvent based adhesive

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
2-methylpentane	107-83-5	>= 50 -< 70
toluene	108-88-3	>= 30 -< 50
butanone	78-93-3	>= 30 -< 50

SECTION 4. FIRST AID MEASURES

General advice : If on clothes, remove clothes.

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Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may even occur after several hours;
therefore medical observation for at least 48 hours after the
accident.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get
medical attention.
In case of unconsciousness bring patient into stable side posi-
tion for transport.

In case of skin contact : Wash off immediately with soap and plenty of water while
removing all contaminated clothes and shoes.
Call a physician if irritation develops or persists.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical atten-
tion if eye irritation develops or persists.

If swallowed : Do NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.
Rinse mouth with water.
If conscious, drink fresh water.
If symptoms persist, call a physician.

Most important symptoms
and effects, both acute and
delayed : None known.

Notes to physician : No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local cir-
cumstances and the surrounding environment.
Water mist
Foam
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing
media : Do NOT use water jet.

Specific hazards during fire-
fighting : May release toxic, irritating and/or corrosive gases.
In case of fire, the following substance(s) may occur:
Carbon monoxide

Specific extinguishing meth-
ods : In the event of fire, wear self-contained breathing apparatus.
Fire residues and contaminated fire extinguishing water must
be disposed of in accordance with local regulations.

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Special protective equipment : Wear self-contained breathing apparatus for firefighting if necessary for firefighters

Hazchem Code : •3Y

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition.
Use personal protective equipment.
Use breathing protection against the effects of fumes/dust/aerosol.
Evacuate personnel to safe areas.
Ensure adequate ventilation.

Environmental precautions : Prevent the material from reaching sewage system, holes and cellars.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Non-sparking tools should be used.
Ensure adequate ventilation.
Send for recovery or disposal in suitable containers.

SECTION 7. HANDLING AND STORAGE

Local/Total ventilation : Use only with adequate ventilation.

Advice on protection against fire and explosion : Keep product and empty container away from heat and sources of ignition.
Do not smoke.
Take measures to prevent the build up of electrostatic charge.
May form explosive mixtures in air.
Highly volatile, flammable constituents are released during processing.
In the event of fire and/or explosion do not breathe fumes.
Keep breathing equipment ready.
Have fire extinguishing equipment ready in case of nearby fire.

Advice on safe handling : Avoid formation of dust and aerosols.
Take note of emission threshold.
Use solvent-proof equipment.
Handle with care.
Keep eye wash bottle available on working place.
Keep out of reach of children.
Avoid release to the environment.
Take precautionary measures against static discharges.

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Conditions for safe storage : Use explosion-proof equipment.
Keep tightly closed in a dry, cool and well-ventilated place.
Do not freeze.

Store between 5 and 25 °C in a dry, well ventilated place
away from sources of heat, ignition and direct sunlight.
Store in cool place.
Refer to Australian Standard AS1940: The storage and handling of flammable and combustible liquids (AS1940).

Further information on storage conditions : Store in a cool place. Heat will increase pressure and may lead to the container exploding.

Materials to avoid : Do not store together with oxidizing and self-igniting products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
2-methylpentane	107-83-5	TWA	500 ppm 1,760 mg/m ³	AU OEL
		STEL	1,000 ppm 3,500 mg/m ³	AU OEL
toluene	108-88-3	TWA	50 ppm 191 mg/m ³	AU OEL
	Further information: Skin absorption			
		STEL	150 ppm 574 mg/m ³	AU OEL
	Further information: Skin absorption			
butanone	78-93-3	STEL	300 ppm 890 mg/m ³	AU OEL
		TWA	150 ppm 445 mg/m ³	AU OEL

Engineering measures : Please take care on national and local requirements.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure use breathing appa-

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ratus that is independent of circulating air.
Ensure that suitable extractors are available on processing machines.

Filter type : Organic vapour type or equipment with better protection

Hand protection
Material : Solvent-resistant gloves

Remarks : Direct contact with the product must be avoided by organizational measures.

The glove material has to be impermeable and resistant to the product/the substance/the preparation.
The exact break through time can be obtained from the protective glove producer and this has to be observed.
The gloves need to be disposed after the penetration time and replaced by new ones.
Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.

For the permanent contact gloves made of the following materials are suitable:

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Alphatec®/Barrier 02-100 PE-underglove from Ansell or other suppliers (penetration time: 480 min).

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

As protection from splashes gloves made of the following materials are suitable:

Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs

After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

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Eye protection	: Tightly fitting safety goggles or equipment with better protection
Skin and body protection	: Protective clothing
Protective measures	: Keep away from food, drink and animal feedingstuffs. Instantly remove any soiled and impregnated garments. Wash hands before breaks and immediately after handling the product. Avoid contact with the eyes and skin. Store protective clothing separately. Provide adequate ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: yellow
Odour	: solvent-like
Odour Threshold	: is not determined
pH	: is not determined
Melting point/freezing point	: is not determined
Boiling point/boiling range	: 94.5 °C
Flash point	: -15 °C
Evaporation rate	: is not determined
Relative vapour density	: is not determined
Density	: 0.80 g/cm ³
Solubility(ies) Water solubility	: not miscible or difficult to mix
Partition coefficient: n-	: No data available

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octanol/water

Auto-ignition temperature : is not determined

Decomposition temperature : Not applicable

Explosive properties : Product is not explosive. However, formation of explosive vapour/air mixtures is possible.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No further relevant information available.

Chemical stability : No decomposition if used according to the specifications.

Possibility of hazardous reactions : Develops readily flammable vapours/fumes.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : No further relevant information available.

Hazardous decomposition products : No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

toluene:

Acute oral toxicity : LD50 Oral (Rat): 5,580 mg/kg

Chronic toxicity

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

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Bioaccumulative potential

Components:

toluene:

Partition coefficient: n-octanol/water : log Pow: 2.73

butanone:

Partition coefficient: n-octanol/water : log Pow: 0.29

Mobility in soil

Product:

Mobility : Medium: Soil
Remarks: Do not allow product to reach ground water, water bodies or sewage system.

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of with domestic refuse.
Do not dispose of waste into sewer.
Hand over to disposers of hazardous waste.
The generation of waste should be avoided or minimized wherever possible.
Incinerate under controlled conditions in accordance with all local and national laws and regulations.
Disposal must be made according to official regulations.

Contaminated packaging : Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : UN 1133
Proper shipping name : ADHESIVES
Class : 3
Packing group : III

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Labels : 3

IATA-DGR

UN/ID No. : UN 1133

Proper shipping name : Adhesives

Class : 3

Packing group : III

Labels : Flammable Liquids

Packing instruction (cargo aircraft) : 366

Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number : UN 1133

Proper shipping name : ADHESIVES

Class : 3

Packing group : III

Labels : 3

EmS Code : F-E, S-D

Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

ADG

UN number : UN 1133

Proper shipping name : ADHESIVES

Class : 3

Packing group : III

Labels : 3

Hazchem Code : •3Y

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Therapeutic Goods (Poisons : Schedule 5
Standard) Instrument

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Prohibition/Licensing Requirements	:	There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.
Australia. Customs (Prohibited Imports) Regulations (CWC Schedule 1)	:	Neither banned nor restricted
Australia. Customs (Prohibited Imports) Regulations (CWC Schedule 2)	:	Neither banned nor restricted
Australia. Customs (Prohibited Imports) Regulations (CWC Schedule 3)	:	Neither banned nor restricted
Australia. Code of Practice for Supply Diversion into Illicit Drug Manufacture	:	toluene butanone Listed
National Code of Practice for Chemicals of Security Concern	:	Not listed

The components of this product are reported in the following inventories:

TW TCSI	:	On the inventory, or in compliance with the inventory
US TSCA	:	All substances listed as active on the TSCA inventory
AU AIIC	:	On the inventory, or in compliance with the inventory
CA DSL	:	All components of this product are on the Canadian DSL
JP ENCS	:	On the inventory, or in compliance with the inventory
JP ISHL	:	On the inventory, or in compliance with the inventory
KR KECI	:	On the inventory, or in compliance with the inventory
PH PICCS	:	On the inventory, or in compliance with the inventory
CN IECSC	:	On the inventory, or in compliance with the inventory
NZ NZIoC	:	On the inventory, or in compliance with the inventory
CH INV	:	On the inventory, or in compliance with the inventory

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TH TECI : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Revision Date : 16.07.2026

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Contact Point : Prepared by: Global Regulatory Department AP-regulatory@hbfuller.com

Date format : dd.mm.yyyy

Full text of other abbreviations

AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

AU OEL / TWA : Exposure standard - time weighted average

AU OEL / STEL : Exposure standard - short term exposure limit

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philip-

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pinex Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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