

SAFETY DATA SHEET

Version	Revision Date:	SDS Number:	Date of last issue: 16.09.2025
1.6	07.10.2025	100000012752	Date of first issue: 06.08.2020

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MAXBOND
Product code : 100000012752

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 : 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

GHS Classification

Flammable liquids : Category 2

Skin corrosion/irritation : Category 2

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Central nervous system)

Aspiration hazard : Category 1

GHS label elements

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Hazard pictograms



Signal Word

: Danger

Hazard Statements

: H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.

Precautionary Statements

: **Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe mist or vapours.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

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.
P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
P314 Get medical advice/ attention if you feel unwell.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container

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tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

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)
kaolin	1332-58-7	>= 30 -< 50
Naphtha (petroleum), hydrotreated light	64742-49-0	>= 20 -< 30
Solvent naphtha (petroleum), light arom. (Contains less than 0.1 % w/w benzene)	64742-95-6	>= 1 -< 5
ethanol	64-17-5	>= 1 -< 5
mica (Dust)	12001-26-2	>= 1 -< 5
quartz (SiO ₂)	14808-60-7	>= 1 -< 5
toluene	108-88-3	>= 0.1 -< 1

SECTION 4. FIRST AID MEASURES

General advice	: If on clothes, remove clothes. 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 position 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 attention if eye irritation develops or persists.

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| 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 | : May be fatal if swallowed and enters airways.
Causes skin irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure if inhaled. |
| Notes to physician | : No further relevant information available. |

SECTION 5. FIRE-FIGHTING MEASURES

- | | |
|--|---|
| Suitable extinguishing media | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Foam
Dry powder
Carbon dioxide (CO ₂) |
| 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 methods | : 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. |
| Special protective equipment for fire-fighters | : Wear self-contained breathing apparatus for firefighting if necessary. |
| 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. |
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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.

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.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
kaolin	1332-58-7	TWA	10 mg/m ³	AU OEL
Naphtha (petroleum), hydrotreated light	64742-49-0	TWA	900 mg/m ³	AU OEL
		TWA (Mist)	5 mg/m ³	AU OEL
ethanol	64-17-5	TWA	1,000 ppm 1,880 mg/m ³	AU OEL
mica (Dust)	12001-26-2	TWA	2.5 mg/m ³	AU OEL
quartz (SiO ₂)	14808-60-7	TWA (Respirable dust)	0.05 mg/m ³	AU OEL
Further information: Category 1A (Carc. 1A) Known to have carcinogenic potential for humans				
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				

During normal handling of the product, this substance is encapsulated within the product and will not present a cancer exposure risk.

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

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are 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 apparatus 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

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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.

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.

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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
Color	: tan
Odor	: solvent-like
Odor Threshold	: is not determined
pH	: is not determined
Melting point/freezing point	: is not determined
Evaporation rate	: is not determined
Relative vapor density	: is not determined
Density	: 1.060 g/cm ³
Solubility(ies) Water solubility	: not miscible or difficult to mix
Partition coefficient: n-octanol/water	: no data available
Autoignition 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.

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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

Not classified due to lack of data.

Components:

Solvent naphtha (petroleum), light arom. (Contains less than 0.1 % w/w benzene):

Acute inhalation toxicity : LC50 (Rat): 3400 ppm
Exposure time: 4 Hours
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2,000 mg/kg

ethanol:

Acute inhalation toxicity : LC50 (Rat): 1,500 mg/l
Exposure time: 4 Hours
Test atmosphere: vapour

toluene:

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

Acute inhalation toxicity : LC50 (Rat): 12.5 mg/l
Exposure time: 4 Hours

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

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Respiratory sensitization

Not classified due to lack of data.

Chronic toxicity

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Based on available data, the classification criteria are not met.

Product:

Carcinogenicity - Assessment	:	Not classifiable as a human carcinogen Remarks: Not classified
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Reproductive toxicity

Not classified due to lack of data.

Product:

Reproductive toxicity - Assessment	:	No toxicity to reproduction Remarks: Not classified
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STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

May cause damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Solvent naphtha (petroleum), light arom. (Contains less than 0.1 % w/w benzene):

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 9 mg/l Exposure time: 96 Hours
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Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 6 mg/l Exposure time: 48 Hours
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Persistence and degradability

No data available

Bioaccumulative potential

Components:

Naphtha (petroleum), hydrotreated light:

Partition coefficient: n-octanol/water : log Pow: 2.2 - 6.1 (23 °C)
pH: 6.2
GLP: yes

ethanol:

Partition coefficient: n-octanol/water : log Pow: -0.31

toluene:

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

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.

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SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

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

Domestic regulation

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.

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SECTION 15. REGULATORY INFORMATION

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

Therapeutic Goods (Poisons : Schedule 5
Standard) Instrument

Therapeutic Goods (Poisons : Schedule 5
Standard) Instrument

Prohibition/Licensing Requirements : quartz (SiO₂)
Refer to model WHS Act and Regulations for prohibition, authorisation and restricted use.

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

TSCA : All substances listed as active on the TSCA inventory

AIIC : On the inventory, or in compliance with the inventory

DSL : All components of this product are on the Canadian DSL

KECI : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Revision Date : 07.10.2025

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

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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 Standardization; 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 Harmonized 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 Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; 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); 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 - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines 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, Authorization and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - 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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