

## SAFETY DATA SHEET

Version 1.2      Revision Date: 20.11.2020      SDS Number: 100000012752      Date of last issue: 19.11.2020  
Date of first issue: 06.08.2020

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### 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 number : 18000 74234 (AU) 0800 446 881 (NZ)

#### Recommended use of the chemical and restrictions on use

Recommended use : Solvent based adhesive

Restrictions on use : For industrial use only.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation : Category 2

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

#### GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.  
H335 May cause respiratory irritation.

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Precautionary statements

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**Prevention:**

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P264 Wash skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves.

**Response:**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.

**Storage:**

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

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

**Components**

Chemical name	CAS-No.	Concentration (% w/w)
kaolin	1332-58-7	>= 30 -< 60
Naphtha (petroleum), hydrotreated light	64742-49-0	>= 20 -< 30
ethanol	64-17-5	< 10
mica	12001-26-2	< 10
quartz (SiO <sub>2</sub> )	14808-60-7	>= 1 -< 10
toluene	108-88-3	< 3

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### SECTION 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.

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If inhaled	: Move to fresh air. If symptoms persist, call a physician.
In case of skin contact	: Wash off with soap and water. Get medical attention if irritation develops and persists.
In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed	: Do NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	: None known.

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### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific hazards during fire-fighting	: Cool closed containers exposed to fire with water spray.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Hazchem Code	: •3Y

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	: Prevent spreading over a wide area (e.g. by containment or oil barriers).
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Non-sparking tools should be used.

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### SECTION 7. HANDLING AND STORAGE

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- Local/Total ventilation : Use only with adequate ventilation.
- Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.  
Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.  
Keep in a bunded area.  
Keep away from sources of ignition - No smoking.  
Take measures to prevent the build up of electrostatic charge.  
Use explosion-proof equipment.  
Use only in area provided with appropriate exhaust ventilation.  
Vapours may form explosive mixtures with air.
- Advice on safe handling : Avoid inhalation of vapour or mist.  
Do not use in areas without adequate ventilation.  
Keep away from fire, sparks and heated surfaces.  
Keep container closed when not in use.  
Take precautionary measures against static discharges.
- Hygiene measures : Avoid contact with skin, eyes and clothing.  
Provide adequate ventilation.
- Conditions for safe storage : Take measures to prevent the build up of electrostatic charge.  
Use explosion-proof equipment.  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Keep away from sources of ignition - No smoking.  
Solvent vapours are heavier than air and may spread along floors.
- Materials to avoid : Strong oxidizing agents
- Further information on storage stability : Stable under normal conditions.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components 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 <sup>3</sup>	AU OEL
Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica				
		TWA (Respirable par-	2 mg/m <sup>3</sup>	ACGIH

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		ticulate matter)		
Naphtha (petroleum), hydrotreated light	64742-49-0	TWA	900 mg/m <sup>3</sup>	AU OEL
ethanol	64-17-5	TWA	1,000 ppm 1,880 mg/m <sup>3</sup>	AU OEL
		TWA	1,000 ppm	ACGIH
		STEL	1,000 ppm	ACGIH
mica	12001-26-2	TWA	2.5 mg/m <sup>3</sup>	AU OEL
		TWA (Respirable particulate matter)	3 mg/m <sup>3</sup>	ACGIH
quartz (SiO <sub>2</sub> )	14808-60-7	TWA (Respirable dust)	0.1 mg/m <sup>3</sup>	AU OEL
		TWA (Respirable particulate matter)	0.025 mg/m <sup>3</sup>	ACGIH
toluene	108-88-3	TWA	50 ppm 191 mg/m <sup>3</sup>	AU OEL
	Further information: Skin absorption			
		STEL	150 ppm 574 mg/m <sup>3</sup>	AU OEL
	Further information: Skin absorption			
		TWA	20 ppm	ACGIH

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

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
toluene	108-88-3	Toluene	In blood	Prior to last shift of work-week	0.02 mg/l	ACGIH BEI
		Toluene	Urine	End of shift (As soon as possible after exposure ceases)	0.03 mg/l	ACGIH BEI

**Engineering measures** : Use local exhaust ventilation or other engineering controls to minimize exposures.

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### 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.

Filter type : Organic vapour type

Hand protection  
Material : Nitrile rubber

Eye protection : Safety glasses with side-shields

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : tan

Odour : solvent-like

Odour Threshold : No data available

Melting point/freezing point : is not determined

Boiling point/boiling range : is not determined

Evaporation rate : is not determined

Upper explosion limit / Upper flammability limit : Upper flammability limit is not determined

Lower explosion limit / Lower flammability limit : Lower flammability limit is not determined

Density : 1.060 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : is not determined

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : is not determined

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Viscosity  
Viscosity, dynamic : is not determined

Viscosity, kinematic : is not determined

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### SECTION 10. STABILITY AND REACTIVITY

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : Hazardous polymerisation does not occur.

Conditions to avoid : Heat, flames and sparks.

Hazardous decomposition products : Stable under normal conditions.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Components:

##### **ethanol:**

Acute inhalation toxicity : LC50 (Rat): 1,500 mg/l  
Exposure time: 4 h  
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 h

#### Skin corrosion/irritation

##### Product:

Remarks : No data available

#### Serious eye damage/eye irritation

##### Product:

Remarks : No data available

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### Chronic toxicity

#### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: No data available

#### Carcinogenicity

**Product:**

Remarks : No data available

#### STOT - single exposure

**Product:**

Remarks : No data available

#### STOT - repeated exposure

**Product:**

Remarks : No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Components:**

**toluene:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 5.8 mg/l  
Exposure time: 96 h  
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 5.46 - 9.83 mg/l  
Exposure time: 48 h  
Test Type: static test

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (microalgae)): 12.5 mg/l  
Exposure time: 72 h  
Test Type: static test

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### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : Dispose of as hazardous waste in compliance with local and national regulations.  
The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

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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**

Not permitted for transport

#### **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**

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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

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

Prohibition/Licensing Requirements : quartz (SiO<sub>2</sub>)  
Refer to model WHS Act and Regulations for prohibition, authorisation and restricted use.

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

TSCA : All substances listed as active on the TSCA inventory  
DSL : All components of this product are on the Canadian DSL  
REACH : Not in compliance with the inventory  
AICS : On the inventory, or in compliance with the inventory  
NZIoC : On the inventory, or in compliance with the inventory  
ENCS : Not in compliance with the inventory  
KECI : On the inventory, or in compliance with the inventory  
PICCS : On the inventory, or in compliance with the inventory

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IECSC : Not in compliance with the inventory

TCSI : Not in compliance with the inventory

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### SECTION 16. OTHER INFORMATION

#### Further information

Revision Date : 20.11.2020

Contact Point : Prepared by: Global Regulatory Department - phone: 1-651-236-5842 - email: msds.request@hbfuller.com

Date format : dd.mm.yyyy

#### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)

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

ACGIH / TWA : 8-hour, time-weighted average

ACGIH / STEL : Short-term exposure limit

AU OEL / TWA : Exposure standard - time weighted average

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

AICS - Australian Inventory of Chemical Substances; 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 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 Organisation 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; 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 Preven-

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tion; 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, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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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