

# SAFETY DATA SHEET

Version            Revision Date:            SDS Number:            Date of last issue: -  
0.0                19.10.2020                100000013400            Date of first issue: 19.10.2020

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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name                :    MAXBOND PRO  
Product code                :    100000013400

### 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)

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## SECTION 2. HAZARDS IDENTIFICATION

### GHS Classification


Flammable aerosols                :    Category 2  
Gases under pressure               :    Compressed gas  
Acute toxicity (Inhalation)         :    Category 4  
Skin corrosion/irritation          :    Category 2  
Serious eye damage/eye irritation   :    Category 2A  
Respiratory sensitisation           :    Category 1  
Skin sensitisation                  :    Category 1  
Specific target organ toxicity - single exposure :    Category 3 (Respiratory system)  
Specific target organ toxicity - repeated exposure :    Category 2  
Specific target organ toxicity - repeated exposure (Inhalation) :    Category 2 (Respiratory Tract)

### GHS label elements

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Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H223 Flammable aerosol. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H373 May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.
Precautionary statements	:	<b>Prevention:</b> P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Pressurized container: Do not pierce or burn, even after use. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection. P285 In case of inadequate ventilation wear respiratory protection. <b>Response:</b> 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. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.

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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.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F).

### 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

### Components

Chemical name	CAS-No.	Concentration (% w/w)
tris(2-chloro-1-methylethyl) phosphate	13674-84-5	>= 10 -< 30
4,4'-methylenediphenyl diisocyanate	101-68-8	>= 10 -< 20
Diphenylmethanediisocyanate, polymeric	9016-87-9	>= 10 -< 20
isobutane (Gas)	75-28-5	>= 10 -< 30
dimethyl ether (Vapour and gas)	115-10-6	>= 10 -< 30
propane (Gas)	74-98-6	< 10

## SECTION 4. FIRST AID MEASURES

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

## SECTION 5. FIREFIGHTING MEASURES

Hazchem Code : 2YE

## SECTION 6. ACCIDENTAL RELEASE MEASURES

## SECTION 7. HANDLING AND STORAGE

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of)	Control parameters / Permissible	Basis
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		exposure)	concentration	
4,4'-methylenediphenyl diisocyanate	101-68-8	TWA	0.02 mg/m <sup>3</sup> (As -NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (As -NCO)	AU OEL
	Further information: Sensitiser			
		TWA	0.02 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		TWA	0.02 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		TWA	0.005 ppm	ACGIH
Diphenylmethanediisocyanate, polymeric	9016-87-9	TWA	0.02 mg/m <sup>3</sup> (As -NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (As -NCO)	AU OEL
	Further information: Sensitiser			
		TWA	0.02 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Sensitiser			
isobutane (Gas)	75-28-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm	ACGIH
		STEL	1,000 ppm	ACGIH
dimethyl ether (Vapour and gas)	115-10-6	TWA	400 ppm 760 mg/m <sup>3</sup>	AU OEL
		STEL	500 ppm 950 mg/m <sup>3</sup>	AU OEL
propane (Gas)	74-98-6	TWA	1,000 ppm	ACGIH

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Aerosol containing a compressed gas

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Colour	:	yellow
Odour	:	characteristic
Flash point	:	-104 °C
Density	:	1.1 g/cm <sup>3</sup>

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## SECTION 10. STABILITY AND REACTIVITY

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Product:

Acute oral toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Acute toxicity estimate: 3.75 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method

#### Components:

##### **tris(2-chloro-1-methylethyl) phosphate:**

Acute oral toxicity	:	LD50 Oral (Rat): 500 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): 5 mg/l Exposure time: 4 h
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1,230 mg/kg

##### **4,4'-methylenediphenyl diisocyanate:**

Acute inhalation toxicity	:	LC50: 1.5 mg/l Exposure time: 4 h Test atmosphere: dust/mist
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##### **Diphenylmethanediisocyanate, polymeric:**

Acute inhalation toxicity	:	LC50 (Rat): 0.49 mg/l Exposure time: 4 h
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Test atmosphere: dust/mist

## Chronic toxicity

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### Components:

##### **tris(2-chloro-1-methylethyl) phosphate:**

Toxicity to fish                                : LC50 (Poecilia reticulata (guppy)): 30 mg/l  
Exposure time: 96 h  
Test Type: static test

Toxicity to daphnia and other                : EC50 (Daphnia magna (Water flea)): 63 mg/l  
aquatic invertebrates                        : Exposure time: 48 h  
Test Type: static test

Toxicity to algae/aquatic                     : EC50 (Pseudokirchneriella subcapitata (microalgae)): 4 mg/l  
plants     : Exposure time: 96 h  
Test Type: flow-through test

#### **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

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### **UNRTDG**

UN number                                        : UN 1950  
Proper shipping name                         : AEROSOLS  
Class    : 2.1  
Packing group                                    : Not assigned by regulation



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

TSCA	:	Product contains substance(s) not listed on TSCA inventory.
DSL	:	This product contains the following components that are not on the Canadian DSL nor NDSL.
REACH	:	Not in compliance with the inventory
AICS	:	On the inventory, or in compliance with the inventory
NZIoC	:	Not in compliance with the inventory
ENCS	:	Not in compliance with the inventory
KECI	:	Not in compliance with the inventory
PICCS	:	Not in compliance with the inventory
IECSC	:	Not in compliance with the inventory
TCSI	:	Not in compliance with the inventory

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## SECTION 16. OTHER INFORMATION

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### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
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; AIIIC - 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



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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 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, 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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