SAFETY DATA SHEET

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	30.07.2025	100000013400	Date of first issue: 30.07.2025

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 : 1800 033 111(AU) 0800 734 607(NZ)

Recommended use of the chemical and restrictions on use

Recommended use : Adhesive

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Aerosols	:	Category 2
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
Carcinogenicity	:	Category 2
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

Hazard pictograms :

Signal Word : Danger

Hazard Statements :

H223 Flammable aerosol.
H229 Pressurised container: May burst 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.
H351 Suspected of causing cancer.
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 :

Prevention:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe dust or mist.
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/ protective clothing/ eye protection/ face protection/ hearing protection.
P284 Wear respiratory protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of 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.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
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/ doctor.
P362 + P364 Take off contaminated clothing and wash it 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

Substance / Mixture : Mixture

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	75-28-5	>= 10 -< 30
dimethyl ether	115-10-6	>= 10 -< 30
propane	74-98-6	>= 5 -< 10

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. If breathing has stopped, apply artificial respiration. 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.
If swallowed	:	Do NOT induce vomiting. If accidentally swallowed obtain immediate medical attention.
Most important symptoms and effects, both acute and delayed	:	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.
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 Dry powder Carbon dioxide (CO2) Alcohol-resistant foam
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	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Hazchem Code	:	NO HAZCHEM

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	:	If the product contaminates rivers and lakes or drains inform respective authorities.
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. Ensure that suitable extractors are available on processing machines. Handle with care. Keep eye wash bottle available on working place. Avoid release to the environment. Keep out of reach of children. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep away from children.
Conditions for safe storage	:	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep tightly closed in a dry, cool and well-ventilated place. Protect against light.
Further information on storage conditions	:	Keep containers tightly closed in a dry, cool and well-ventilated place. 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

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parameters / Permissible	Basis

		exposure)	concentration	
4,4'-methylenediphenyl diisocyanate	101-68-8	TWA	0.02 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
Diphenylmethanediisocyanate, polymeric	9016-87-9	TWA	0.02 mg/m3 (As -NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m3 (As -NCO)	AU OEL
	Further information: Sensitiser			
		TWA	0.02 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
dimethyl ether	115-10-6	TWA	400 ppm 760 mg/m3	AU OEL
		STEL	500 ppm 950 mg/m3	AU OEL

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 : Combined particulates and organic vapour type or equipment with better protection

Hand protection

Material : Nitrile rubber or equipment with better protection

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 Barrier 02-100 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.
Wash hands before breaks and immediately after handling the product.
Avoid contact with the eyes and skin.
Store protective clothing separately.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Aerosol containing a compressed gas
Color	:	yellow
Odor	:	characteristic
Odor Threshold	:	is not determined
pH	:	is not determined
Melting point/freezing point	:	is not determined
Flash point	:	-68.9 °C
Evaporation rate	:	is not determined
Relative vapor density	:	is not determined
Density	:	1.1 g/cm³
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.
Possibility of hazardous reactions	:	Develops readily flammable vapours/fumes.
Conditions to avoid	:	Heat may lead to dangerous pressure build-up in sealed container.
Incompatible materials	:	No further relevant information available.
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if inhaled.
Harmful if inhaled.

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 Hours 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 Hours
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1,230 mg/kg

4,4'-methylenediphenyl diisocyanate:

Acute inhalation toxicity	:	Acute toxicity estimate: 1.5 mg/l Test atmosphere: dust/mist Method: Expert judgement

Skin corrosion/irritation

Causes skin irritation.
Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.
Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization

May cause an allergic skin reaction.

Skin sensitization

May cause an allergic skin reaction.

Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Respiratory sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Chronic toxicity

Germ cell mutagenicity

Not classified due to lack of data.
Not classified due to lack of data.

Carcinogenicity

Suspected of causing cancer.
Suspected of causing cancer.

Reproductive toxicity

Not classified due to lack of data.
Not classified due to lack of data.

STOT-single exposure

May cause respiratory irritation.
May cause respiratory irritation.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure.
May cause damage to organs through prolonged or repeated exposure.
May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified due to lack of data.

Not classified due to lack of data.

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 Hours Test Type: static test
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 63 mg/l Exposure time: 48 Hours Test Type: static test
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (microalgae)): 4 mg/l Exposure time: 96 Hours Test Type: flow-through test

Persistence and degradability

No data available

Bioaccumulative potential

Components:

isobutane:

Partition coefficient: n-octanol/water	:	log Pow: 2.76

dimethyl ether:

Partition coefficient: n-octanol/water	:	log Pow: 0.10

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

IATA-DGR

UN/ID No.	:	UN 1950
Proper shipping name	:	Aerosols, flammable
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	Flammable Gas
Packing instruction (cargo aircraft)	:	203
Packing instruction (passenger aircraft)	:	203

IMDG-Code

UN number	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
EmS Code	:	F-D, S-U
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 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1
Hazchem Code	:	NO HAZCHEM

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 Standard) Instrument	:	No poison schedule number allocated
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.

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

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

SECTION 16. OTHER INFORMATION

Further information

Revision Date	:	30.07.2025
Other information	:	This safety datasheet only contains information relating to

safety and does not replace any product information or product specification.

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

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 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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