

Print Date: 04-27-2020

MAXBOND PANEL ADHESIVE  
842348PM**SAFETY DATA SHEET**

REVISION DATE: 04-27-2020

SUPERSEDES: 07-26-2017

**SECTION 1: IDENTIFICATION OF THE PRODUCT AND SUPPLIER****PRODUCT INFORMATION**

PRODUCT: MAXBOND PANEL ADHESIVE  
PRODUCT DESCRIPTION: Solvent based adhesive  
INTENDED USE: Industrial adhesive  
PRODUCT IDENTIFIER: 842348PM

**COMPANY INFORMATION**

H.B. Fuller Company Australia Pty. Ltd.  
16 - 22 Red Gum Drive  
Dandenong South, VIC 3175  
Telephone: (03) 9797 6222  
Emergency telephone No: 18000 74234  
Emergency Tel NZ: 0800 446 881

**SECTION 2: HAZARDS IDENTIFICATION****GHS Hazard Symbols:**

**GHS Symbol name(s):** Flame  
**GHS Signal Word:** Danger  
**GHS Classification:** Flammable Liquid Category 2  
**GHS Hazard Phrases:** Highly flammable liquid and vapour.  
**GHS Precautions:**  
**Safety Precautions:** Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/protective clothing/eye protection/face protection.  
**First Aid Measures:** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use water spray, foam, dry chemical or carbon dioxide to extinguish.  
**Storage:** Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulation for chemical wastes.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS #	PERCENT	Classification	Note
Aliphatic petroleum distillate	64742-49-0	30 - 50	Flam. Liq. 1; H224	Note P

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Calcium carbonate	471-34-1	10 - 30		* (see below)
Toluene	108-88-3	5 - 10		
Ingredients determined to be not hazardous		52		

\*This material is only hazardous when present as an airborne dust. As supplied, and during normal use, the material is encapsulated within the product and will not present an exposure risk.

**SECTION 4: FIRST AID MEASURES**

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**IF IN EYES:** Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

**IF ON SKIN:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**IF INHALED:** Remove to fresh air. Restore breathing, if necessary. Call a physician if symptoms persist.

**IF SWALLOWED:** Do not induce vomiting. Seek medical attention immediately. Drink two glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person.

**SECTION 5: FIRE FIGHTING MEASURES**

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**EXTINGUISHING MEDIA:** Use water spray, foam, dry chemical or carbon dioxide.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapours are heavier than air and can travel to a source of ignition and flash back.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, Carbon monoxide Nitrogen containing gases

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**SPECIAL PROTECTION:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

**METHODS FOR CLEAN-UP:** Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.

Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

**SECTION 7: HANDLING AND STORAGE**

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**Handling:** Avoid contacting and avoid breathing the material. Use only in a well ventilated area.

Keep away from heat, sparks and flame. Wash thoroughly after handling. Keep container closed. Emptied container retains vapour and product residue. Observe all labeled precautions until container is cleaned. Drums of this material should be grounded when pouring. **DO NOT CUT OR WELD ON OR NEAR THIS**

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**CONTAINER.**

This product contains an ingredient that may release formaldehyde at heated cure temperatures.

This product contains an ingredient that may react with water or humidity to release methanol (67-56-1). The TWA for methanol is 200 ppm.

**Storage:**

Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed. This product is a Class 3 flammable liquid and must be stored according to the provisions of AS/NZ 1940.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**
**EXPOSURE LIMITS:**

Chemical Name	Note	AUSTRALIAN EXPOSURE LIMITS	ACGIH EXPOSURE LIMITS
Calcium carbonate	* (see below)	10 mg/m <sup>3</sup> TWA (containing no asbestos and <1% crystalline silica, inhalable dust) None	No data available.
Toluene		50 ppm TWA; 191 mg/m <sup>3</sup> TWA 150 ppm STEL; 574 mg/m <sup>3</sup> STEL	20 ppm TWA

\*This material is only hazardous when present as an airborne dust. As supplied, and during normal use, the material is encapsulated within the product and will not present an exposure risk.

**Biological Limit Values (ACGIH)**

Chemical Name	ACGIH Biological Exposure Index (BEI)
Toluene	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene; 0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene; 0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

**ENGINEERING CONTROL METHODS:**
**VENTILATION:**

Use local exhaust ventilation or other engineering controls to minimise exposures.

**EYE PROTECTION:**

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

**SKIN PROTECTION:**

Avoid skin contact by wearing chemically resistant gloves and long sleeved shirt. An apron may be appropriate if splashing can occur. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TLV is not invalidated.

**GLOVES:**

Nitrile

**RESPIRATORY PROTECTION:**

Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Use an air purifying respirator with organic vapour cartridge.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**PHYSICAL STATE:**

Liquid

**COLOR:**

Yellow

**ODOR:**

Characteristic

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ODOR THRESHOLD:	Not established
pH:	Not established
FREEZING/MELTING POINT (deg. C):	Not established
BOILING POINT (deg. C):	Not established
FLASH POINT:	< -15°C; 5°F Pensky-Martens
EVAPORATION RATE:	Not established
FLAMMABILITY:	Not a flammable solid or gas
UPPER EXPLOSIVE LIMIT (% in air):	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
WEIGHT PER GALLON (lbs.):	0.01
SPECIFIC GRAVITY:	1.000
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	55.0

**SECTION 10: STABILITY AND REACTIVITY**

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STABILITY:	Stable under normal conditions.
CHEMICAL INCOMPATIBILITY:	Not established
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide Nitrogen containing gases

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
Toluene	Oral LD50 Rat 636 mg/kg Inhalation LC50 Rat 12.50 mg/l

**This product is a mixture. Unless noted, the information below is based on components.**

Skin corrosion / irritation: No irritation hazard in normal industrial use.

Serious eye damage / irritation: No irritation hazard in normal industrial use.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: Contains a substance that is a possible reproductive hazard based on animal studies.

Specific target organ toxicity-single exposure: No data available.

Respiratory irritation / Narcotic effects: No data available.

Specific target organ toxicity-single exposure: No data available.

Target organs potentially affected by exposure: Reproductive system Liver Central nervous system Lungs

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Liver disease, Lung disease

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OVERVIEW: No ecological information available for this product.  
MOBILITY: No data available.  
PERSISTENCE: No data available.  
BIOACCUMULATION: No data available.

**This product has not been tested for ecological effects. Relevant information for components is listed below:**

<b>Component:</b>	<b>Ecotoxicity values:</b>
Aliphatic petroleum distillate	<b>Acute Toxicity (Fish):</b> LC50 96 h Oncorhynchus mykiss 8.41 mg/L <b>Acute Toxicity (Daphnia):</b> Not established <b>Acute Toxicity (Algae):</b> Not established
Toluene	<b>Acute Toxicity (Fish):</b> LC50 Pimephales promelas 15.22 - 19.05 mg/L 96 h; LC50 Pimephales promelas 12.6 mg/L 96 h; LC50 Oncorhynchus mykiss 5.89 - 7.81 mg/L 96 h; LC50 Oncorhynchus mykiss 14.1 - 17.16 mg/L 96 h; LC50 Oncorhynchus mykiss 5.8 mg/L 96 h; LC50 Lepomis macrochirus 11.0 - 15.0 mg/L 96 h; LC50 Oryzias latipes 54 mg/L 96 h; LC50 Poecilia reticulata 28.2 mg/L 96 h; LC50 Poecilia reticulata 50.87 - 70.34 mg/L 96 h <b>Acute Toxicity (Daphnia):</b> EC50 Daphnia magna 5.46 - 9.83 mg/L 48 h; EC50 Daphnia magna 11.5 mg/L 48 h <b>Acute Toxicity (Algae):</b> 72 Hr EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]

**SECTION 13: DISPOSAL CONSIDERATIONS**

This product is a prescribed waste and may only be disposed of in accordance with applicable State and local regulations. These regulations vary from jurisdiction to jurisdiction and hence the user is counselled to seek advice from the local authority and classify the waste before considering disposal. The disposal information given below is a general guide and does not replace the requirement of the local regulations.

DISPOSAL: If possible recycle, otherwise dispose strictly in accordance with local industrial waste or environmental protection regulations. This substance may, if permitted by local authorities, be disposed of in an approved incineration facility or be considered for landfill.

SPECIAL PRECAUTIONS: Do not allow this material to contaminate soil, sewerage systems or surface or ground water.

When large amounts of this product need to be disposed of the services of a registered, professional waste disposal organisation is highly recommended.

**SECTION 14: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

ADG: UN1133, ADHESIVES, 3, PGIII.  
IATA: UN1133, ADHESIVES, 3, PGIII.  
IMDG: UN1133, ADHESIVES, 3, UN1133, PGIII.  
HazChem Code: •3Y

**SECTION 15: REGULATORY INFORMATION****INVENTORY STATUS**

AUSTRALIA AICS: All ingredients in this mixture are listed in the Australian Inventory of Chemical Substances.  
U.S. EPA TSCA: The product contains a substance that is not listed on the TSCA

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inventory.

CANADIAN CEPA DSL: This product contains one or more components which have not been determined to be on the DSL. If you are the importer of this product into Canada, contact H.B. Fuller for chemical tracking and notification information.

EUROPEAN REACH: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

If you need more information about the inventory status of this product call 1+ 651-236-5858.

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP):**

Exempt

**SECTION 16: OTHER INFORMATION**

SDS Date of Issue: 27-04-2020  
Replaces: 26-07-2017  
Changes made to previous issue: Conversion to GHS format

**ACRONYMS and DEFINITIONS:**

ACGIH American Conference of Governmental Industrial Hygienists  
ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail  
AICS Australian Inventory of Chemical Substances  
BEI Biological Exposure Index  
CAS Number Chemical Abstracts Service Registry Number  
CNS Central nervous system  
DG Dangerous Goods  
Hazchem Code An emergency action code of numbers and letters, which gives information to emergency services.  
IARC International Agency for Research on Cancer  
IATA Code International Air Transport Association Code  
IMDG Code International Maritime Dangerous Goods Code  
N.O.S. Not otherwise specified  
NOHSC National Health and Safety Commission  
PPE Personal protection equipment  
SUSMP Standard for the Uniform Scheduling of Medicines and Poisons  
UN Number United Nations Number

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