

**SAFETY DATA SHEET**

REVISION DATE: 03-07-2019

SUPERSEDES: None

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

PRODUCT: FULLAMELT 224  
PRODUCT DESCRIPTION: Hot melt adhesive  
INTENDED USE: Industrial adhesive  
PRODUCT IDENTIFIER: 842782PM

**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 Signal Word:** Not applicable  
**GHS Classification:** This product is not classified as hazardous under GHS criteria.  
**GHS Precautions:**  
**Safety Precautions:** No special precautionary measures are required. Please read the entire Safety Data Sheet for other information regarding handling of this product.

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

Chemical Name	CAS #	PERCENT	Classification	Note
Ingredients determined to be not hazardous				

\*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**

**IF IN EYES:** None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard. For hot product, immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention.

**IF ON SKIN:** Wash with soap and water. For hot material, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean gauze and do not attempt to remove the material yourself. Get prompt medical attention. Medical personnel: coat with mineral oil to soften material for removal.

**IF INHALED:** Remove to fresh air. Call a physician if symptoms persist. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

**IF SWALLOWED:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

**SECTION 5: FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** A solid stream of water may scatter molten product. Use water spray, foam, dry chemical or carbon dioxide.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material will burn in a fire.

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**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

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**SPECIAL PROTECTION:** No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.

**METHODS FOR CLEAN-UP:** Allow molten material to solidify before disposal.

**SECTION 7: HANDLING AND STORAGE**

**Handling:** No special handling instructions due to toxicity. Avoid breathing vapors/fumes of heated product. Prevent contact with molten product.

**Storage:** Store in a cool, dry place.

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

Chemical Name	Note	AUSTRALIAN EXPOSURE LIMITS	ACGIH EXPOSURE LIMITS
Waxes, paraffin and hydrocarbon		2 mg/m <sup>3</sup> TWA (fume) None	2 mg/m <sup>3</sup> TWA (fume)
Titanium dioxide	* (see below)	10 mg/m <sup>3</sup> TWA (containing no asbestos and <1% crystalline silica, inhalable dust) None	10 mg/m <sup>3</sup> 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)
No data available.	

**ENGINEERING CONTROL METHODS:**

**VENTILATION:** General room ventilation might be required under normal conditions of use. At the application temperature, use of local exhaust over the premelting reservoir is encouraged.

**EYE PROTECTION:** Wear safety glasses when handling this product.

**SKIN PROTECTION:** Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact. When working with heated material, wear thermally insulating gloves and long-sleeved coverall to protect against thermal burns.

**GLOVES:** Not normally required. Use nitrile gloves if conditions warrant.

**RESPIRATORY PROTECTION:** No respiratory protection required under normal conditions of use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Solid

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COLOR:	Amber
ODOR:	Characteristic
ODOR THRESHOLD:	Not established
pH:	Not established
FREEZING/MELTING POINT (deg. C):	Not established
BOILING POINT (deg. C):	Not established
FLASH POINT:	> 204°C (400°F) COC
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
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):	100.0
VOC, weight percent	0.00

**SECTION 10: STABILITY AND REACTIVITY**

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

**SECTION 11: TOXICOLOGICAL INFORMATION**
**Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
No data available.	

**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: No data available.  
 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: Lungs  
 Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Lung disease

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Hazards specific to product use:	Contact with product at elevated temperatures can result in thermal burns.
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**SECTION 12: ECOLOGICAL INFORMATION**

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:**

Component:	Ecotoxicity values:
No data available.	Acute Toxicity (Fish): Acute Toxicity (Daphnia): Acute Toxicity (Algae):

**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:	NOT REGULATED
IATA:	NOT REGULATED
IMDG:	NOT REGULATED
HazChem Code:	Not applicable

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

AUSTRALIA AICS:	This product contains a component that is not on the Australian Inventory (AICS).
U.S. EPA TSCA:	This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
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

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EUROPEAN REACH: into Canada, contact H.B. Fuller for chemical tracking and notification information.  
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):****SECTION 16: OTHER INFORMATION**

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SDS Date of Issue: 07-03-2019  
Replaces: None  
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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