

**SAFETY DATA SHEET**

Print Date: 03-21-2021

Revision Date: 03-21-2021

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

PRODUCT: THERMONEX® 2C2199H  
PRODUCT DESCRIPTION: Water based adhesive  
INTENDED USE: Adhesive  
PRODUCT IDENTIFIER: 837929PM

**SUPPLIER INFORMATION**

H.B. Fuller (China) Adhesives Ltd.  
No.88 Hefeng Road, Guangzhou Yonghe Development Zone, Guangzhou 511356, P.R.China  
Tel: +86-20-32106201 Fax: +86-20-82209076

H.B.Fuller(Nanjing)Chemical Co., Ltd.  
28 Shanxu Road, Nanjing Chemical Industrial Park, Liuhe, Nanjing 210047, People's Republic of China  
Tel: +86-25-58375626 Fax: +86-25-58375621

H.B.Fuller(Yantai) Advanced Materials Co., Ltd.  
No. 27, Chongqing Road, Yantai ETDZ Post Code: 264006  
Tel: +86-535-6108822 Fax: +86-535-6108811

H.B.Fuller(Guangzhou) Trading Co., Ltd  
Room 1001, No.2 Fei Sheng Street 1, Cai Wen Road, Luogang District, Guangzhou, 510530, P.R. China.  
Tel: +86-20-32106201 Fax: +86-20-82209076

Emergency Telephone Number: 0532-83889090  
FIRE: 119

**SECTION 2: HAZARDS IDENTIFICATION**

**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.  
**First Aid Measures:** IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. IF IN EYES: Use an eye wash to remove chemical from the eye. IF ON SKIN: Wash with soap and water. IF INHALED: Remove individual to fresh air after an airborne exposure if any symptoms develop.

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

This product is a mixture.

Chemical Name	CAS #	PERCENT	Classification	Note
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Unlisted components are not classified as hazardous.

**SECTION 4: FIRST AID MEASURES**

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**EYE CONTACT:** None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**SKIN CONTACT:** Wash with soap and water.

**INHALATION:** Remove to fresh air. Call a physician if symptoms persist.

**INGESTION:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

**NOTES TO DOCTOR:**

**SECTION 5: FIRE FIGHTING MEASURES**

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

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers. Material will burn in a fire.

**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 Isocyanates Nitrogen containing gases

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

**SECTION 7: HANDLING AND STORAGE**

**HANDLING PRECAUTIONS:** No special handling instructions due to toxicity. This product contains limited amounts of residual monomer. Under normal handling and use conditions the residual monomer should not present a hazard. In storage the monomer will migrate from the emulsion and establish an equilibrium between the headspace in the storage container and the liquid emulsion. Levels in excess of acceptable exposures can accumulate in non-vented headspaces above the emulsion. All procedures appropriate for a confined space entry should be completed prior to performing any work in a bulk storage tank.

**STORAGE ADVICE:** Store in a cool, dry place. Protect from freezing.

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

Chemical Name	Note	CHINESE OCCUPATIONAL EXPOSURE LIMITS (2007)	ACGIH EXPOSURE LIMITS
No data available.			

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**EXPOSURE CONTROL METHODS:**

- ENGINEERING CONTROLS: General room ventilation might be required under normal conditions of use.
- RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use.
- EYE PROTECTION: Wear safety glasses when handling this product.
- SKIN PROTECTION: Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact.
- GLOVES: Not normally required. Use nitrile gloves if conditions warrant.
- OTHER PROTECTION: No smoking, eating and drinking at work place. Avoid alcoholic beverages before work. Take a shower and change clothes after work.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Liquid
COLOR:	White
ODOR:	Characteristic
pH:	7.5
FREEZING/MELTING POINT (°C):	Not established
BOILING POINT (°C):	Not established
FLASH POINT:	Non flammable
EVAPORATION RATE:	Not established
FLAMMABILITY:	Not a flammable solid or gas
UPPER EXPLOSION LIMIT:	Not established
LOWER EXPLOSION LIMIT:	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
RELATIVE DENSITY (WATER=1):	1.080
RELATIVE VAPOR DENSITY (AIR=1):	Not established
WATER SOLUBILITY:	Not determined
OCTANOL/WATER COEFFICIENT:	Not established
IGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
NON-VOLATILES (% by weight):	47.0
MAJOR FUNCTION:	Adhesive

**SECTION 10: STABILITY AND REACTIVITY**

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

**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Component Toxicity / Toxicology Data:**

COMPONENT NAME	LD50/LC50
No data available.	

**POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY:**

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.  
 Single Exposure Target Organ Effects: No data available.  
 Respiratory irritation / Narcotic effects: No data available.  
 Repeated Exposure Target Organ Effects: No data available.  
 Target Organs Potentially Affected by Exposure: No organs known to be damaged from exposure to this product.  
 Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: No medical conditions affected by exposure.

**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**

DISPOSAL METHODS: Disposal should be in accordance with local or national legislation.

**SECTION 14: TRANSPORT INFORMATION**

Consult Bill of Lading for transportation information.

IATA: NOT REGULATED  
 AUSTRALIA ADG: NOT REGULATED  
 TRANSPORTATION INSTRUCTION: Not applicable

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

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CHINA IECSC INVENTORY:	This product is in compliance with the Inventory of Existing Chemical Substances in China (IECSC) requirements.
U.S. EPA TSCA:	This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
CANADIAN CEPA DSL:	The components of this product are included on the DSL or are exempt from DSL requirements.
EUROPEAN REACH:	As supplied, this product does not meet the registration requirements under REACH. Articles using this product may be imported into the European Union. See below for information on SVHC content.
AUSTRALIA AICS:	This product is in compliance with the Australian Inventory of Chemical Substances requirements.
JAPAN ENCS:	This product is in compliance with the Japanese Existing and New Chemical Substances requirements.
KOREAN TCCL:	This product is in compliance with the Korean Existing Chemicals List requirements.

**Substances of Very High Concern (SVHC) Content:**

Unless listed below, this product does not contain SVHC's.

**SECTION 16: OTHER INFORMATION**

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This Safety Data Sheet meets Chinese standards and regulations, but may not meet the requirements of other countries.

This Safety Data Sheet has been prepared in accordance with GBT16483-2008.

Prepared by: The Global Regulatory Department

Phone: 651-236-5842

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