

SAFETY DATA SHEET

REVISION DATE: 03-29-2019

SUPERSEDES: 03-26-2019

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

PRODUCT: SPRAY GRIP
PRODUCT DESCRIPTION: Adhesive
INTENDED USE: Industrial adhesive
PRODUCT IDENTIFIER: 844908PM

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
Health Hazard
Exclamation mark

GHS Signal Word:

Danger

GHS Classification:

Flammable Aerosol Category 1; Aspiration Hazard Category 1; Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2A; Carcinogenicity Category 2; Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

GHS Hazard**Phrases:**

Extremely flammable aerosol.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Suspected of causing cancer.

GHS Precautions:**Safety Precautions:**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.

First Aid Measures:

IF SWALLOWED: Immediately call a POISON CENTER or doctor. IF ON SKIN:

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Wash with plenty of soap and water. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF exposed or concerned:** Get medical advice/attention. Call a **POISON CENTER** or doctor/physician if you feel unwell. Do **NOT** induce vomiting. Take off contaminated clothing and wash before reuse.

Storage: Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal: Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.
Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS # | PERCENT | Classification | Note |
|--|------------|---------|--|------|
| Methylene chloride | 75-09-2 | 50 - 70 | Acute Tox. 4; H302 Carc. 2; H351 Eye Irrit. 2; H319 Skin Irrit. 2; H315 STOT SE 3; H335, H336 | |
| Petroleum Gases, Liquefied | 68476-85-7 | 50 - 70 | Carc. 1B; H350 Flam. Gas 1; H220 Press. Gas (*); H280 Muta. 1B; H340 | |
| Cyclohexane | 110-82-7 | 0.1 - 1 | Aquatic Acute 1; H400 Asp. Tox. 1; H304 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H335, H336 | |
| Ingredients determined to be not hazardous | | 0 | | |

SECTION 4: FIRST AID MEASURES

IF IN EYES: 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.

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. Keep warm and quiet. Call a physician.

IF SWALLOWED: Severely irritating. Do not induce vomiting. Seek medical attention immediately. Drink 2 glasses of water or milk to dilute. Do not give anything by mouth to an unconscious person. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

SECTION 5: FIRE FIGHTING MEASURES

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.

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 Chlorine containing gases

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- 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

- Handling:** Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Avoid breathing vapors.
Use only with adequate ventilation.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.
Keep container closed.
Emptied container retains vapor and product residue.
Observe all labeled safeguards until container is cleaned.
DO NOT CUT OR WELD ON OR NEAR THIS CONTAINER.
Aluminum is not an acceptable material of construction for pumps, mixers, fittings or storage for this product.
- Storage:** Store in a cool, dry, ventilated location. Keep away from heat, sparks, flame and other sources of ignition. Keep container closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
EXPOSURE LIMITS:

| Chemical Name | Note | AUSTRALIAN EXPOSURE LIMITS | ACGIH EXPOSURE LIMITS |
|----------------------------|------|---|--|
| Methylene chloride | | 50 ppm TWA; 174 mg/m ³ TWA None | 50 ppm TWA |
| Petroleum Gases, Liquefied | | 1000 ppm TWA; 1800 mg/m ³ TWA None | See Appendix F: Minimal Oxygen Content, explosion hazard |
| Cyclohexane | | 100 ppm TWA; 350 mg/m ³ TWA 300 ppm STEL; 1050 mg/m ³ STEL | 100 ppm TWA |

Biological Limit Values (ACGIH)

| Chemical Name | ACGIH Biological Exposure Index (BEI) |
|--------------------|--|
| Methylene chloride | 0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative) |

ENGINEERING CONTROL METHODS:

- VENTILATION:** Local exhaust ventilation or other engineering controls are normally

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EYE PROTECTION: required when handling or using this product to avoid overexposure. 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.

GLOVES: Polyvinylalcohol Viton®

RESPIRATORY PROTECTION: Respiratory protection will be required when ventilation or other engineering controls can not reduce the exposure to acceptable levels. Use supplied-air respiratory equipment as required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|------------------------------|
| PHYSICAL STATE: | Liquid |
| COLOR: | Amber |
| ODOR: | Solvent |
| ODOR THRESHOLD: | Not established |
| pH: | Not established |
| FREEZING/MELTING POINT (deg. C): | Not established |
| BOILING POINT (deg. C): | Not established |
| FLASH POINT: | -26°C; -15°F |
| 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.): | 3.34 |
| SPECIFIC GRAVITY: | 0.400 |
| SOLUBILITY: | Not established |
| OCTANOL/WATER COEFFICIENT: | Not established |
| AUTOIGNITION TEMPERATURE: | Not established |
| DECOMPOSITION TEMPERATURE: | Not established |
| VISCOSITY: | No data available. |
| SOLIDS (% by weight): | 30.0 |

SECTION 10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| STABILITY: | Stable under normal conditions. |
| CHEMICAL INCOMPATIBILITY: | Aluminum alloys |
| HAZARDOUS POLYMERIZATION: | Will not occur. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Chlorine containing gases Carbon monoxide, carbon dioxide |

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

| COMPONENT NAME | LD50/LC50 |
|----------------|-----------|
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| Methylene chloride | Oral LD50 Rat 1,600 mg/kg INHALATION LC50-6H Rat 53.00 mg/l |
| Cyclohexane | Inhalation LC50 Rat 13.90 mg/l |

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

Skin corrosion / irritation: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Serious eye damage / irritation: Can cause moderate irritation, tearing and reddening.

Respiratory / skin sensitization: No data available.

Germ cell mutagenicity: May cause genetic defects.

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: Heart Liver Central nervous system Kidneys

Aspiration hazard: May be fatal if swallowed and enters airways.

Medical Conditions Aggravated by Exposure: Liver disease, Overexposure to methylene chloride may cause cardiac effects (including the elevation of carboxyhemoglobin levels) which may be significant in smokers or persons with anemia or heart disease and those exposed to carbon monoxide, Kidney disease

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: |
|--------------------|--|
| Methylene chloride | Acute Toxicity (Fish): Not established Acute Toxicity (Daphnia): EC50 48 h Daphnia magna 1532 - 1847 mg/L [Static] (EPA); EC50 48 h Daphnia magna 190 mg/L (IUCLID) Acute Toxicity (Algae): EC50 96 h Pseudokirchneriella subcapitata >500 mg/L (EPA); EC50 72 h Pseudokirchneriella subcapitata >500 mg/L (EPA) |
| Cyclohexane | Acute Toxicity (Fish): LC50 96 h Pimephales promelas 3.96 - 5.18 mg/L [flow-through] (EPA); LC50 96 h Pimephales promelas 23.03 - 42.07 mg/L [static] (EPA); LC50 96 h Lepomis macrochirus 24.99 - 44.69 mg/L [static] (EPA); LC50 96 h Poecilia reticulata 48.87 - 68.76 mg/L [static] (EPA) Acute Toxicity (Daphnia): Not established Acute Toxicity (Algae): Not established |

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.

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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: | UN1950, AEROSOLS, 2.1 |
| IATA: | UN1950, AEROSOLS, FLAMMABLE, 2.1 |
| HazChem Code: | 2YE |

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 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: 29-03-2019

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Replaces: 26-03-2019
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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