

## SAFETY DATA SHEET

Version 1.2      Revision Date: 16.09.2025      SDS Number: 100000013387      Date of last issue: 15.04.2025  
Date of first issue: 08.02.2021

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : FULAFOAM EXPAND FOAM  
Product code : 100000013387

#### 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.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Specific target organ toxicity - repeated exposure : Category 2

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

Specific target organ toxicity - single exposure : Category 3

Reproductive toxicity : Category 2

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### 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.  
H361 Suspected of damaging fertility or the unborn child.  
H362 May cause harm to breast-fed children.  
H373 May cause damage to organs through prolonged or repeated exposure.

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.  
P263 Avoid contact during pregnancy and while nursing.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
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

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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)
Diphenylmethanediisocyanate, polymeric	9016-87-9	>= 30 -< 60
alkanes, C14-17, chloro	85535-85-9	>= 10 -< 30
isobutane	75-28-5	>= 10 -< 30
dimethyl ether	115-10-6	< 10
propane	74-98-6	< 10

### SECTION 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.

If inhaled : Move to fresh air.  
 Keep patient warm and at rest.  
 Consult a physician after significant exposure.

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- In case of skin contact : Wash off immediately with soap and plenty of water.  
Call a physician if irritation develops or persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids.  
Seek medical advice.
- If swallowed : If swallowed, call a poison control centre or doctor immediately.  
Do not induce vomiting without medical advice.
- 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 damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.

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### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Sand  
Foam
- Unsuitable extinguishing media : Water
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for fire-fighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.
- Hazchem Code : NO HAZCHEM

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.  
Ensure adequate ventilation.
- Environmental precautions : Prevent product from entering drains.

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Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up : Ventilate the area.  
Soak up with inert absorbent material.  
Shovel or sweep up.

### SECTION 7. HANDLING AND STORAGE

Local/Total ventilation : Use only with adequate ventilation.

Advice on protection against fire and explosion : Keep away from direct sunlight.  
Keep away from heat and sources of ignition.

Advice on safe handling : Wear personal protective equipment.  
Do not get on skin or clothing.  
Keep away from heat and flame.

Hygiene measures : Avoid contact with skin, eyes and clothing.

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 in a cool, well-ventilated place.

Materials to avoid : Do not store together with oxidizing and self-igniting products.

Further information on storage stability : The pressure in sealed containers can increase under the influence of heat.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Diphenylmethanediisocyanate, polymeric	9016-87-9	TWA	0.02 mg/m <sup>3</sup> (As -NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (As -NCO)	AU OEL
	Further information: Sensitiser			
		TWA	0.02 mg/m <sup>3</sup> (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m <sup>3</sup> (NCO)	AU OEL

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	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
dimethyl ether	115-10-6	TWA	400 ppm 760 mg/m <sup>3</sup>	AU OEL
		STEL	500 ppm 950 mg/m <sup>3</sup>	AU OEL

### 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.

Filter type : Combined particulates and organic vapour type

Hand protection  
Material : Nitrile rubber

Eye protection : Tightly fitting safety goggles  
Ensure that eyewash stations and safety showers are close to the workstation location.

Skin and body protection : Long sleeved clothing  
Preventive skin protection

Protective measures : Avoid contact with skin.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : aerosol

Odor Threshold : no data available

pH : is not determined

Melting point/freezing point : is not determined

Boiling point/boiling range : -12 °C

is not determined

Flash point : -83 °C

Not applicable

Evaporation rate : is not determined

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Flammability (solid, gas) : Not classified as a flammability hazard

Upper explosion limit / Upper flammability limit : Upper flammability limit is not determined

Lower explosion limit / Lower flammability limit : Lower flammability limit is not determined

Vapor pressure : is not determined

Density : 973 kg/m<sup>3</sup>

Solubility(ies)  
Water solubility : is not determined

Partition coefficient: n-octanol/water : no data available

Autoignition temperature : is not determined

Viscosity  
Viscosity, dynamic : is not determined  
Viscosity, kinematic : is not determined

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### SECTION 10. STABILITY AND REACTIVITY

Chemical stability : The product is chemically stable.

Hazardous decomposition products : Nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

Harmful if inhaled.

#### Product:

Acute inhalation toxicity : Acute toxicity estimate: 0.818 mg/l  
Exposure time: 4 Hours  
Test atmosphere: dust/mist  
Method: Calculation method

#### Components:

**Diphenylmethanediisocyanate, polymeric:**

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

LC50 (Rat): 0.49 mg/l  
Exposure time: 4 Hours  
Test atmosphere: dust/mist

**alkanes, C14-17, chloro:**

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization**

**Skin sensitization**

May cause an allergic skin reaction.

**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.

**Carcinogenicity**

Not classified due to lack of data.

**Reproductive toxicity**

Suspected of damaging fertility or the unborn child.

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure**

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

**Aspiration toxicity**

Not classified due to lack of data.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

#### Persistence and degradability

No data available

#### Bioaccumulative potential

#### Components:

##### alkanes, C14-17, chloro:

Partition coefficient: n-octanol/water : log Pow: 4.7 - 8.3  
GLP: no

##### isobutane:

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

##### dimethyl ether:

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

#### Mobility in soil

No data available

#### Other adverse effects

No data available

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### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Waste from residues : To the best of our knowledge, this product does not meet the definition of hazardous waste. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.  
The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

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### SECTION 14. TRANSPORT INFORMATION

#### International Regulations

##### UNRTDG

UN number : UN 1950  
Proper shipping name : AEROSOLS

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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.

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## 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

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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:**

TCSI : On the inventory, or in compliance with the inventory  
TSCA : All substances listed as active on the TSCA inventory  
AICC : On the inventory, or in compliance with the inventory  
DSL : All components of this product are on the Canadian DSL  
KECI : On the inventory, or in compliance with the inventory  
PICCS : On the inventory, or in compliance with the inventory  
IECSC : On the inventory, or in compliance with the inventory  
NZIoC : On the inventory, or in compliance with the inventory  
TECI : On the inventory, or in compliance with the inventory

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### SECTION 16. OTHER INFORMATION

**Further information**

Revision Date : 16.09.2025  
Contact Point : Prepared by: Global Regulatory Office - phone: 1-651-236-5842 - email: msds.request@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

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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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