

SAFETY DATA SHEET

Version	Revision Date:	SDS Number:	Date of last issue: 15.07.2026
1.3	15.07.2026	100000013384	Date of first issue: 01.10.2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : FULAFLEX 550LM PU BLACK
Product code : 100000013384

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 number : 1800 033 111(AU) 0800 734 607(NZ)

Recommended use of the chemical and restrictions on use

Recommended use : Water based adhesive

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

GHS label elements

Not a hazardous substance or mixture.

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

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)
xylenes	1330-20-7	>= 5 -< 10
ethyl acetate	141-78-6	>= 1 -< 5
Diphenylmethanediisocyanate, polymeric	9016-87-9	>= 0.1 -< 1

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4,4'-methylenediphenyl diisocyanate	101-68-8	>= 0.1 -< 1
tris(nonylphenyl) phosphite	26523-78-4	>= 0.1 -< 1

SECTION 4. FIRST AID MEASURES

- General advice : Show this safety data sheet to the doctor in attendance.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off immediately with plenty of water.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- If swallowed : Do NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.
If conscious, drink fresh water.
- Most important symptoms and effects, both acute and delayed : None known.
- Notes to physician : No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Foam
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : Do NOT use water jet.
- Specific hazards during fire-fighting : Cool closed containers exposed to fire with water spray.
- Specific extinguishing methods : This product is an aqueous mixture that will not burn. Dried product film will burn in a fire.
- Special protective equipment for firefighters : No special protective measures against fire required.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : Try to prevent the material from entering drains or water courses.
Dilute with much water.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
Have fire extinguishing equipment ready in case of nearby fire.
- Advice on safe handling : No special handling advice required.
- Conditions for safe storage : Do not freeze.
Keep tightly closed in a dry and cool place.
Keep container closed when not in use.
Protect against light.
- Materials to avoid : No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
xylenes	1330-20-7	STEL	150 ppm 655 mg/m ³	AU OEL
		TWA	80 ppm 350 mg/m ³	AU OEL
ethyl acetate	141-78-6	TWA	200 ppm 720 mg/m ³	AU OEL
		STEL	400 ppm 1,440 mg/m ³	AU OEL
Diphenylmethanediisocyanate, polymeric	9016-87-9	TWA	0.02 mg/m ³ (As -NCO)	AU OEL
Further information: Sensitiser				
		STEL	0.07 mg/m ³ (As -NCO)	AU OEL
Further information: Sensitiser				
		TWA	0.02 mg/m ³	AU OEL

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			(NCO)	
	Further information: Sensitiser			
		TWA	0.02 mg/m3 (NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Sensitiser			
		TWA	0.02 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		TWA	0.02 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
4,4'-methylenediphenyl diisocyanate	101-68-8	TWA	0.02 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			
		STEL	0.07 mg/m3 (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser			

Engineering measures : Please take care on national and local requirements.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection
Material : Protective gloves

Remarks : The glove material has to be impermeable and resistant to the product/the substance/the preparation. The exact break

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through time can be obtained from the protective glove producer and this has to be observed.

Eye protection : Safety glasses or equipment with better protection

Protective measures : The usual precautionary measures should be adhered to in handling the chemicals.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Colour : black

Odour : characteristic

Odour Threshold : is not determined

Melting point/freezing point : 0 °C

Boiling point/boiling range : 100 °C

Flash point : Not applicable

Evaporation rate : is not determined

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

Vapour pressure : 23 hPa (20 °C)

Relative vapour density : is not determined

Solubility(ies)
Water solubility : completely miscible

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

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Auto-ignition temperature	:	not self-igniting
Decomposition temperature	:	Not applicable
Explosive properties	:	Not explosive

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No further relevant information available.
Chemical stability	:	No decomposition if used according to the specifications.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Heat may lead to dangerous pressure build-up in sealed container. Protect from frost.
Incompatible materials	:	No further relevant information available.
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Product:

Acute oral toxicity	:	Remarks: Based on available data, the classification criteria are not met.
Acute inhalation toxicity	:	Remarks: Based on available data, the classification criteria are not met. Acute toxicity estimate: > 5 mg/l Exposure time: 4 Hours Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	:	Remarks: Based on available data, the classification criteria are not met. Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method

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Components:

xylenes:

Acute oral toxicity : LD50 Oral (Rat): 4,300 mg/kg

Acute inhalation toxicity : LC50 (Rat): 47,635 mg/l
Exposure time: 4 Hours
Test atmosphere: vapour

ethyl acetate:

Acute oral toxicity : LD50 Oral (Rat): 5,620 mg/kg

Acute inhalation toxicity : LC50 (Rat): 22.5 mg/l
Exposure time: 4 Hours
Test atmosphere: Inhalation

Acute dermal toxicity : LD50 Dermal (Rabbit): > 20,000 mg/kg

4,4'-methylenediphenyl diisocyanate:

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

Skin corrosion/irritation

Not classified due to lack of data.

Product:

Remarks : Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Not classified due to lack of data.

Product:

Remarks : Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Remarks : Based on available data, the classification criteria are not met.

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Chronic toxicity

Germ cell mutagenicity

Not classified due to lack of data.

Product:

Genotoxicity in vitro : Remarks: Based on available data, the classification criteria are not met.

Carcinogenicity

Not classified due to lack of data.

Product:

Remarks : Based on available data, the classification criteria are not met.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

Product:

Remarks : Based on available data, the classification criteria are not met.

STOT - repeated exposure

Not classified due to lack of data.

Product:

Remarks : Based on available data, the classification criteria are not met.

Aspiration toxicity

Not classified due to lack of data.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

ethyl acetate:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 220 - 250 mg/l
Exposure time: 96 Hours
Method: flow-through test

tris(nonylphenyl) phosphite:

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Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 10 mg/l
Exposure time: 96 Hours
Method: static test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.42 mg/l
Exposure time: 48 Hours
Test Type: static test

Persistence and degradability

No data available

Bioaccumulative potential

Components:

xylenes:

Partition coefficient: n-octanol/water : log Pow: 2.77 - 3.15
GLP: no

ethyl acetate:

Partition coefficient: n-octanol/water : log Pow: > 0.66 - < 0.73 (25 °C)
pH: 7
GLP: no

Mobility in soil

Product:

Mobility : Medium: Soil
Remarks: Generally not hazardous for water.

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of with domestic refuse.
Do not dispose of waste into sewer.
The generation of waste should be avoided or minimized wherever possible.
Incinerate under controlled conditions in accordance with all local and national laws and regulations.
Disposal must be made according to official regulations.

Contaminated packaging : Recommended cleaning agent: Water, if necessary with cleaning agent.

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Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

ADG

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

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.
Australia. Customs (Prohibited Imports) Regulations (CWC Schedule 1)	: Neither banned nor restricted
Australia. Customs (Prohibited Imports) Regulations (CWC Schedule 2)	: Neither banned nor restricted
Australia. Customs (Prohibited Imports) Regulations (CWC Schedule 3)	: Neither banned nor restricted
Australia. Code of Practice for Supply Diversion into Illicit Drug Manufacture	: Not listed
National Code of Practice for Chemicals of Security	: Not listed

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Concern

The components of this product are reported in the following inventories:

AU AIIC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Revision Date : 15.07.2026

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Contact Point : Prepared by: Global Regulatory Department AP-regulatory@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

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 Standardisation; 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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Fa-

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cilitation 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 - Organisation 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, Authorisation 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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