

SAFETY DATA SHEET

REVISION DATE: 05-14-2018

SUPERSEDES: None

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

PRODUCT: FULAFLEX 570FC BLACK
PRODUCT DESCRIPTION: Polyurethane Sealant
INTENDED USE: Industrial adhesive
PRODUCT IDENTIFIER: 843725PM

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: 1800 033 111
Emergency Tel NZ: 0800 734 607 (or IDD +64 473 4607)

SECTION 2: HAZARDS IDENTIFICATION**GHS Hazard Symbols:**

GHS Symbol name(s): Health Hazard
Exclamation mark

GHS Signal Word: Danger

GHS Classification: Respiratory Sensitisation Category 1; Skin Sensitisation Category 1; Skin Corrosion/Irritation Category 2

GHS Hazard Phrases: Causes skin irritation.
May cause an allergic skin reaction.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

GHS Precautions:

Safety Precautions: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
In case of inadequate ventilation wear respiratory protection.

First Aid Measures: IF ON SKIN: Wash with plenty of soap and water. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Take off contaminated clothing and wash before reuse.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

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Chemical Name	CAS #	PERCENT	Classification	Note
Xylene	1330-20-7	5 - 10	Acute Tox. 4; H312 Acute Tox. 4; H332 Flam. Liq. 3; H226 Skin Irrit. 2; H315	
Ethyl acetate	141-78-6	1 - 5	Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H335, H336	
Polymethylene polyphenyl isocyanate	9016-87-9	0.1 - 1	Acute Tox. 4; H332 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT RE 2; H373 STOT SE 3; H335, H336	
Tri(nonylphenol)phosphite	26523-78-4	0.1 - 1	Aquatic Chronic 1; H410 Skin Sens. 1; H317	
Ingredients determined to be not hazardous		87		

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. Call a physician if symptoms persist.

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:	Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	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 Nitrogen containing gases Hydrogen cyanide

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.
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SECTION 7: HANDLING AND STORAGE

Handling:	Avoid contacting and avoid breathing the material. Use only in a well ventilated area.
Storage:	Store in a cool, dry place.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

Chemical Name	Note	AUSTRALIAN EXPOSURE LIMITS	ACGIH EXPOSURE LIMITS
Xylene		80 ppm TWA; 350 mg/m ³ TWA 150 ppm STEL; 655 mg/m ³ STEL	100 ppm TWA 150 ppm STEL
Ethyl acetate		200 ppm TWA; 720 mg/m ³ TWA 400 ppm STEL; 1440 mg/m ³ STEL	400 ppm TWA

Biological Limit Values (ACGIH)

Chemical Name	ACGIH Biological Exposure Index (BEI)
Xylene	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids

ENGINEERING CONTROL METHODS:

VENTILATION:	Use local exhaust ventilation or other engineering controls to minimise exposures.
EYE PROTECTION:	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:	Nitrile
RESPIRATORY PROTECTION:	Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
COLOR:	Gray
ODOR:	Characteristic
ODOR THRESHOLD:	Not established
pH:	Not established
FREEZING/MELTING POINT (deg. C):	Not established
BOILING POINT (deg. C):	Not established
FLASH POINT:	Not applicable
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.):	11.10
SPECIFIC GRAVITY:	1.330
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established
AUTOIGNITION TEMPERATURE:	Not established

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DECOMPOSITION TEMPERATURE: Not established
VISCOSITY: No data available.
SOLIDS (% by weight): 93.1

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
CHEMICAL INCOMPATIBILITY: Strong oxidizing agents Water Alcohols Amines
Strong acids Strong alkalis
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide Hydrogen cyanide
Nitrogen containing gases

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

COMPONENT NAME	LD50/LC50
Xylene	Oral LD50 Rat 4,300 mg/kg
Polymethylene polyphenyl isocyanate	Oral LD50 Rat 49 g/kg INHALATION LC50-4H (MIST) Rat 490.00 MG/M3 Dermal LD50 Rabbit > 9.40 G/KG

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: No irritation hazard in normal industrial use.

Respiratory / skin sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: Contains a substance that is a probable reproductive hazard based on human studies.

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: Kidneys Liver Central nervous system Lungs Skin

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Liver disease, Kidney disease, Blood disorders (like anemia), Skin disease including eczema and sensitisation, Lung disease, Persons with existing asthmatic conditions may experience difficulty breathing. Persons who have been sensitised to isocyanates may experience symptoms at very low exposure levels.

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:

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Component:	Ecotoxicity values:
Xylene	Acute Toxicity (Fish): 96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 2.661 - 4.093 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 13.5 - 17.3 mg/L; 96 Hr LC50 Lepomis macrochirus: 13.1 - 16.5 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 19 mg/L; 96 Hr LC50 Lepomis macrochirus: 7.711 - 9.591 mg/L [static]; 96 Hr LC50 Pimephales promelas: 23.53 - 29.97 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 30.26 - 40.75 mg/L [static] Acute Toxicity (Daphnia): EC50 48 h water flea 3.82 mg/L; LC50 48 h Gammarus lacustris 0.6 mg/L 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.

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.

HazChem Code: Not applicable

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

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SECTION 16: OTHER INFORMATION

SDS Date of Issue: 14-05-2018
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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