

SAFETY DATA SHEET

REVISION DATE: 06-09-2016

SUPERSEDES: None

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

PRODUCT: 700 ROOF & GUTTER TRANS
PRODUCT DESCRIPTION: Silicone
INTENDED USE: Industrial adhesive
PRODUCT IDENTIFIER: 839092PM

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

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

GHS Symbol name(s): Exclamation mark
GHS Signal Word: Warning
GHS Classification: Skin Sensitisation Category 1; Serious Eye Damage/Eye Irritation Category 2A
GHS Hazard Phrases: May cause an allergic skin reaction.
Causes serious eye irritation.

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.

First Aid Measures:

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Disposal:

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
Mineral oil	64742-46-7	10 - 30	Acute Tox. 4; H332	Note N
Silane	2224-33-1	1 - 5	Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1; H317	
Silanes	Proprietary	1 - 5	Eye Irrit. 2; H319	

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			Skin Irrit. 2; H315 Skin Sens. 1; H317
Methyl ethyl ketoxime	96-29-7	0.1 - 1	Acute Tox. 4; H312 Acute Tox. 4; H302 Carc. 2; H351 Eye Dam. 1; H318 Skin Sens. 1; H317
Ingredients determined to be not hazardous		84	

SECTION 4: FIRST AID MEASURES

IF IN EYES: Immediately 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 and monitor the eye daily as advised by your physician.

IF ON SKIN: Wash with soap and water. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.

IF INHALED: Remove to fresh air. Call a physician if symptoms persist.

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.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION:	Exposure to the spilled material may be severely irritating or toxic. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, and the area in which the spill occurred. Never exceed any occupational exposure limits.
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SECTION 7: HANDLING AND STORAGE

Handling:	Avoid contacting and avoid breathing the material. Use only in a well ventilated area. This product contains an ingredient that may release formaldehyde at heated cure temperatures. This product contains an ingredient that may react with water or humidity to release ethanol (64-17-5). The TWA for ethanol is 1000 ppm. This product contains an ingredient that may react with water or humidity to release methyl ethyl ketoxime (MEKO), CAS#96-29-7. The AIHA WEEL TWA for MEKO is 10 ppm.
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
No data available.			

Biological Limit Values (ACGIH)

Chemical Name	ACGIH Biological Exposure Index (BEI)
No data available.	

ENGINEERING CONTROL METHODS:

- VENTILATION:** General room ventilation might be required under normal conditions of use.
- 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:** Prevent contact with this product. Wear chemically resistant gloves, long sleeved shirt, an apron, and other protective equipment depending on conditions of use.
- GLOVES:** Butyl rubber
- RESPIRATORY PROTECTION:** No respiratory protection required under normal conditions of use. Use an air purifying respirator with organic vapour cartridge and dust/mist filter. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Semi-solid
COLOR:	Colourless
ODOR:	Characteristic
ODOR THRESHOLD:	Not established
pH:	Not established
FREEZING/MELTING POINT (deg. C):	Not established
BOILING POINT (deg. C):	Not established
FLASH POINT:	> 204°C (400°F) COC
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.):	0.01
SPECIFIC GRAVITY:	0.970
SOLUBILITY:	Not established
OCTANOL/WATER COEFFICIENT:	Not established

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AUTOIGNITION TEMPERATURE: Not established
 DECOMPOSITION TEMPERATURE: Not established
 VISCOSITY: No data available.
 SOLIDS (% by weight): 81.1

VOC, weight percent Not determined

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION
Component Toxicity / Toxicology Data:

COMPONENT NAME	LD50/LC50
Mineral oil	Inhalation LC50 Rat 4.60 mg/l
Silane	Oral LD50 Rat 1,780 mg/kg
Methyl ethyl ketoxime	Oral LD50 Rat 930 mg/kg

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

Skin corrosion / irritation: No irritation hazard in normal industrial use.
 Serious eye damage / irritation: Can cause moderate irritation, tearing and reddening.
 Respiratory / skin sensitization: May cause an allergic skin reaction.
 Germ cell mutagenicity: No data available.
 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: 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:
Mineral oil	Acute Toxicity (Fish): 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]

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	Acute Toxicity (Daphnia): Not established Acute Toxicity (Algae): Not established
Methyl ethyl ketoxime	Acute Toxicity (Fish): Not established Acute Toxicity (Daphnia): Not established Acute Toxicity (Algae): 72 Hr EC50 <i>Desmodesmus subspicatus</i> : 83 mg/L

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.

ADG: NOT REGULATED
IATA: NOT REGULATED
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):

Scheduled poison

SECTION 16: OTHER INFORMATION

SDS Date of Issue: 09-06-2016

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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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