

Print Date: 08-18-2016

**SAFETY DATA SHEET**

REVISION DATE: 08-18-2016

SUPERSEDES: None

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

PRODUCT: KONSTRUKT ROOF & GUTTER TRANS  
PRODUCT DESCRIPTION: Silicone  
INTENDED USE: Industrial adhesive  
PRODUCT IDENTIFIER: 841974PM

**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
Amorphous silica	7631-86-9	5 - 10		* (see below)

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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 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		65	

\*This material is only hazardous when present as an airborne dust. As supplied, and during normal use, the material is encapsulated within the product and will not present an exposure risk.

#### SECTION 4: FIRST AID MEASURES

**IF IN EYES:** Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

**IF ON SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**IF INHALED:** Remove to fresh air. 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 Silicon dioxide

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPECIAL PROTECTION:** No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

#### SECTION 7: HANDLING AND STORAGE

**Handling:** Avoid unnecessary exposure.  
 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 methyl ethyl ketoxime (MEKO), CAS#96-29-7. The AIHA WEEL TWA for MEKO is 10 ppm.  
 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.

**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
Amorphous silica	* (see below)	2 mg/m <sup>3</sup> TWA (respirable dust, listed under Fumed silica) None	No data available.

\*This material is only hazardous when present as an airborne dust. As supplied, and during normal use, the material is encapsulated within the product and will not present an exposure risk.

#### 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 when handling this product.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves.

GLOVES: Nitrile

RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use.

### 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
AUTOIGNITION TEMPERATURE:	Not established
DECOMPOSITION TEMPERATURE:	Not established
VISCOSITY:	No data available.
SOLIDS (% by weight):	81.1
VOC, weight percent	Not determined

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### SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.  
 CHEMICAL INCOMPATIBILITY: Not established  
 HAZARDOUS POLYMERIZATION: Will not occur.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide Silicon dioxide

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Component Toxicity / Toxicology Data:

COMPONENT NAME	LD50/LC50
Mineral oil	Inhalation LC50 Rat 4.60 mg/l
Amorphous silica	INHALATION LC50-IH Rat > 2.20 mg/l

**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 severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excessive blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.

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: Lungs

Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Lung 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:
Mineral oil	<b>Acute Toxicity (Fish):</b> 96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through] <b>Acute Toxicity (Daphnia):</b> Not established <b>Acute Toxicity (Algae):</b> 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

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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

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Consult Bill of Lading for transportation information.

ADG:	NOT REGULATED
IATA:	NOT REGULATED
HazChem Code:	Not applicable

### SECTION 15: REGULATORY INFORMATION

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#### INVENTORY STATUS

AUSTRALIA AICS:	All ingredients in this mixture are listed in the Australian Inventory of Chemical Substances.
U.S. EPA TSCA:	This product is in compliance with the Toxic Substances Control Act's Inventory requirements.
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.
KOREAN TCCL:	This product is in compliance with the Korean Existing Chemicals List requirements.
PHILIPPINES:	This product is in compliance with the Philippine Inventory of Chemicals and Chemical Substances requirements.
CHINA IECSC INVENTORY:	This product is in compliance with the Inventory of Existing Chemical Substances in China (IECSC) requirements.

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

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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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