

## SAFETY DATA SHEET

Version        Revision Date:        SDS Number:        Date of last issue: 05.02.2021  
1.3            11.02.2021            100000012912        Date of first issue: 03.08.2020

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name                : RAKOLL® XL3 PLUS  
Product code                : 100000012912

#### 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.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards which do not result in classification

None known.

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### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture        : Mixture

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
starch (Dust)	9005-25-8	>= 10 -< 30

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### SECTION 4. FIRST AID MEASURES

- General advice : Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and 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. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.
- Most important symptoms and effects, both acute and delayed : None known.
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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Not combustible.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : none
- 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.
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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.
- Environmental precautions : No special environmental precautions required.  
Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
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### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Advice on safe handling : No special precautions are needed in handling this material.
- Conditions for safe storage : Keep container closed when not in use.  
Keep in a dry, cool place.
- Materials to avoid : Do not freeze.  
No special restrictions on storage with other products.
- Recommended storage temperature :  $\geq 4\text{ }^{\circ}\text{C}$
- Further information on storage stability : Do not freeze.  
Stable under normal conditions.  
The pressure in sealed containers can increase under the influence of heat.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
starch (Dust)	9005-25-8	TWA	10 mg/m <sup>3</sup>	AU OEL
	Further information: This value is for inhalable dust containing no asbestos and < 1% crystalline silica			
		TWA	10 mg/m <sup>3</sup>	ACGIH

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.  
In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection  
Material : Nitrile rubber
- Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Protective measures : No special protective equipment required.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : white

Odour : odourless

Odour Threshold : No data available

Melting point/freezing point : 0 °C

Boiling point/boiling range : 100 °C

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

Relative vapour density : is not determined

Density : 1.100 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : dispersible

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

Auto-ignition temperature : is not determined

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### SECTION 10. STABILITY AND REACTIVITY

Chemical stability : The product is chemically stable.

Possibility of hazardous reactions : Hazardous polymerisation does not occur.

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Hazardous decomposition products : Stable under normal conditions.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Skin corrosion/irritation

**Product:**

Remarks : No data available

#### Serious eye damage/eye irritation

**Product:**

Remarks : No data available

#### Chronic toxicity

#### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: No data available

#### Carcinogenicity

**Product:**

Remarks : No data available

#### STOT - single exposure

**Product:**

Remarks : No data available

#### STOT - repeated exposure

**Product:**

Remarks : No data available

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

No data available

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### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **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**

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

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## SECTION 15. REGULATORY INFORMATION

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

Standard for the Uniform : Schedule 6

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Scheduling of Medicines and Poisons

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

TSCA : Product contains substance(s) not listed on TSCA inventory.

DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.

REACH : Not in compliance with the inventory

AIC : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI : Not in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : Not in compliance with the inventory

TCSI : Not in compliance with the inventory

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### SECTION 16. OTHER INFORMATION

**Further information**

Revision Date : 11.02.2021

Contact Point : Prepared by: Global Regulatory Department - phone: 1-651-236-5842 - email: [msds.request@hbfuller.com](mailto:msds.request@hbfuller.com)

Date format : dd.mm.yyyy

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### Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
AU OEL	:	Australia. Workplace Exposure Standards for Airborne Contaminants.
ACGIH / TWA	:	8-hour, time-weighted average
AU OEL / TWA	:	Exposure standard - time weighted average

AIC - 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 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 Organisation 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; 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, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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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