

# MAKR FABRIC STIFFENER

## Safety Data Sheet

### 1. Identification

<b>GHS Product Identifier</b>	MAKR FABRIC STIFFENER	
<b>Company Name</b>	Lincraft Australia Pty Ltd 60	Shamrock Australia Pty Ltd
<b>Address</b>	Fulton Dr, Derrimut VIC 3026	21-23 Joseph Street Blackburn North Victoria, 3130 Australia
<b>Telephone/Fax Number</b>	24 hours	Phone: +61 3 9895 4300
<b>Emergency Phone Number</b>	13 11 26 (Australia) 0800 764 766 (New Zealand)	
<b>Contact Poison Information Centre:</b>	Permanently stiffens fabrics to create beautiful bows and moulded shapes. Use it to stiffen lace and needlework. Ideal for all fabrics.	
<b>Recommended use of the chemical and restrictions on use</b>	This SDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.	
<b>Other Information</b>		

### 2. Hazards Identification

#### Classification

NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS

#### GHS Label elements, including precautionary statements

#### Emergency Overview:

**Signal word** Not applicable

**Hazard statements** Not applicable

**Appearance** White

**Physical State** Viscous liquid

**Odour** Weak odour

#### **Precautionary Statements - Prevention**

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

#### **Precautionary Statements – Response**

##### **Eyes**

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

##### **Skin**

In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

#### **Precautionary Statements - Storage**

*Product Name: MAKR Fabric Stiffener*

*Issued: 26/11/2017*

# MAKR FABRIC STIFFENER

## Safety Data Sheet

Store in cool place, Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Incompatible: Strong oxidizing agents, Bases, Reducing agents.

### Precautionary Statements - Disposal

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents, Bases, Reducing agents. No smoking at working site.

### Hazards not otherwise classified (HNOC)

Not applicable

### Unknown Toxicity

None

### Other information

None

### Interactions with Other Chemicals

N/A

## 3. Composition/Information on Ingredients

Chemical Name	CAS No.	Weight %	Trade Secret
Poly(vinyl alcohol)	9002-89-5	25-45	*
Polyacrylamide	9003-05-8	<1	*
Sodium bicarbonate	144-55-8	<1	*
Water	7732-18-5	50-70	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret

## 4. First-Aid Measures

### First aid measures

<b>General Advice</b>	Show this safety data sheet to the doctor in attendance
<b>Eye Contact</b>	In case of contact with eyes flush with copious amount of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists call a physician.
<b>Skin Contact</b>	Wash skin with soap and copious amount of water. If irritation persists call a physician.
<b>Inhalation</b>	If inhaled, remove to fresh air. If necessary get medical attention.
<b>Ingestion</b>	If swallowed, immediately wash out mouth with water provided person is conscious. Call a physician.

### Protection of First-aiders

### Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects N/A

### Indication of any immediate medical attention and special treatment needed

Product Name: MAKR Fabric Stiffener  
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# MAKR FABRIC STIFFENER

## Safety Data Sheet

Notes to Physician

N/A

### 5. Fire-Fighting Measures

#### Suitable Extinguishing Media

Suitable: Water spray, Dry chemical, Carbon dioxide or appropriate foam.

#### Unsuitable Extinguishing Media

N/A

#### Specific Hazards Arising from the Chemical

N/A

Uniform Fire Code N/A

#### Hazardous Combustion Products

NONE

#### Explosion Data

Sensitivity to Mechanical Impact No

Sensitivity to Static Discharge No

#### Protective Equipment and Precautions for Firefighters

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

### 6. Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

**Other Information** Refer to protective measures listed in Section 7 and 8

#### Environmental precautions

**Environmental Precautions** Do not let product enter drains.

#### Methods and material for containment and cleaning up

**Methods for Containment** N/A

**Methods for Cleaning Up** Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate areas and wash spill site after material pickup is complete.

### 7. Handling and Storage

#### Precautions for safe handling

**Handling** Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame.

# MAKR FABRIC STIFFENER

## Safety Data Sheet

### Conditions for safe storage, including any incompatibilities

**Storage** Store in cool place, Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, and flame. Keep away from sources of ignition. Incompatible: Strong oxidizing agents, Bases, Reducing agents.

**Incompatible Products** Incompatibilities: Strong oxidizing agents, Bases, Reducing agents. No smoking at working site.

## 8. Exposure Controls / Personal Protection

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH

*ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.*

#### Other Exposure Guidelines

### Appropriate engineering controls

**Engineering Measures** Mechanical exhaust required. Safety shower and eye bath.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Wear Chemical safety goggles.

**Skin and Body Protection** Wear appropriate protective clothing.

**Respiratory Protection** Government approved respiratory if needed.

**Hygiene Measures** Wear Protective gloves.

## 9. Physical and chemical properties

### Physical and Chemical Properties

**Physical State** White viscous liquid  
**Appearance** White viscous liquid  
**Odour** Weak odour  
**Color** White  
**Odour Threshold** N/A

Property	Values	Remarks/ Method
<b>pH</b>	6	25°C, 50.0g/L
<b>Melting/freezing point</b>	No data available	None known
<b>Boiling Point/Range</b>	No data available	None known
<b>Flash Point</b>	>96.0°C	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known

# MAKR FABRIC STIFFENER

## Safety Data Sheet

### Flammability Limits in Air

Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	Soluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water		None known
Autoignition temperature		None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity		None known
Explosive Properties	No data available	
Oxidizing Properties	No data available	

### Other Information

Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

## 10. Stability and Reactivity

### Reactivity

#### Chemical stability

Stable under normal temperatures and pressures.

#### Possibility of Hazardous Reactions

None under normal processing.

#### Hazardous Polymerization

Will not occur.

#### Conditions to avoid

Exposure to light may affect product quality.

#### Incompatible materials

N/A

#### Hazardous Decomposition Products

Carbon Oxides.

## 11. Toxicological Information

### Information on likely routes of exposure

#### Product Information

Inhalation	NO Data available
Eye Contact	NO Data available
Skin Contact	NO Data available

# MAKR FABRIC STIFFENER

## Safety Data Sheet

Ingestion NO Data available

Component Information NO Data available

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation

### Information on toxicological effects

Symptoms N/A

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization N/A

Mutagenic Effects N/A

Carcinogenicity Contains no ingredient listed as a carcinogen

Chemical Name	ACGIH	IARC	NTP	OSHA

*ACGIH: (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC: (International Agency for Research on Cancer)*

*Group 3 - Not Classifiable as to Carcinogenicity in Humans*

Reproductive Toxicity N/A

STOT - single exposure N/A

STOT - repeated exposure N/A

Chronic Toxicity

Target Organ Effects

Aspiration Hazard N/A

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)

N/A

ATEmix (dermal)

N/A

ATEmix (inhalation-dust/mist)

N/A

ATEmix (inhalation-vapor)

N/A

# MAKR FABRIC STIFFENER

## Safety Data Sheet

### 12. Ecological Information

#### Ecotoxicity

No data available

#### Persistence and Degradability

No data available

#### Bioaccumulation

No data available

#### Other Adverse Effects

No data available

### 13. Disposal Considerations

#### Waste treatment methods

#### **Waste Disposal Methods**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or is the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

#### **Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

Chemical Name	California Hazardous Waste

### 14. Transport Information

#### DOT

**Proper Shipping Name** Not regulated

**Hazard Class** N/A

#### TDG

Not regulated

#### MEX

Not regulated

#### ICAO

#### IATA

**Proper Shipping Name** This substance is considered to be non-hazardous for AIR transport.

**Hazard Class** N/A

#### IMDG/IMO

**Hazard Class** The substance is not subject to IMO IMDG Code.

#### RID

This substance is considered to be non-hazardous for transport.

#### ADR

This substance is considered to be non-hazardous for transport.

#### ADN

Not regulated

# MAKR FABRIC STIFFENER

## Safety Data Sheet

### 15. Regulatory Information

**International Inventories**

TSCA  
 DSL  
 TSCA -  
 DSL/NDSL –

**U.S. Federal Regulations**

**SARA 313**

No data available

**SARA 311/312 Hazard Categories**

Acute Health Hazard	NO
Chronic Health Hazard	NO
Fire Hazard	NO
Sudden Release of Pressure Hazard	NO
Reactive Hazard	NO

**Clean Water Act**

Chemical Name	CWA – Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA – Hazardous Substances

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois

**International Regulations**

**Mexico**

**National occupational exposure limits**

Chemical Name	Carcinogen Status	Exposure Limits

*Mexico - Occupational Exposure Limits - Carcinogens*



# MAKR FABRIC STIFFENER

## Safety Data Sheet

A3 - Confirmed Animal Carcinogen

Canada

WHMIS Hazard Class

No data available

### 16. Other Information

**NFPA** Health Hazard Flammability Instability 0 Physical and Chemical Hazards –

**HMIS** Health Hazard Flammability Physical Hazard 0 Personal Protection

**Date of preparation or last revision of SDS** 26/11/2017

**Contact Person/Point** Shamrock Australia Pty Ltd  
Phone: +61 3 9895 4300 (International)  
Fax: +61 3 9895 4399 (International)

Poisons Information Centre  
13 11 26 (Australia)  
0800 764 766 (New Zealand)

The information and recommendations set down here in this document are presented in good faith and to the best of Shamrock Australia's knowledge. Shamrock Australia Pty Ltd cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representations or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made hereunder with respect to the product to which this information refers.