

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** ProLong Membrane (PL052)  
**Synonyms:** Roofing/Waterproofing Membrane  
**Company:** Dura Paints (Pty) Ltd  
**Address:** 5 Wakefield Road  
 Founders View south  
 Edenvale  
 Gauteng, South Africa  
**Contact us on:** Tel. +27 11 4525221

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

This material is considered an article according to 29 CFR 1910.1200(5)(v)(c). An article is by definition a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) or this section), and does not pose a physical hazard or health risk to employees.

Stitch bond non woven fabric. 100% Polyester

## 3. HAZARDS IDENTIFICATION

**EYES:** May irritate eyes during thermal welding.  
**SKIN:** May irritate skin during thermal welding.  
**INHALATION:** None known.  
**INGESTION:** None known.  
**SYMPTOMS:** May cause skin sensitization in some people due to antimony trioxide.

## 4. FIRST AID MEASURE

**EYES:** In case of contact with the product or the cured product dust, fibers or particulates, Immediately flush eyes with plenty of water for at least 15 minutes, keeping the eyelids open. If irritation persists, seek medical attention.  
**INHALATION:** If exposed to fumes from thermal decomposition (flame), remove to fresh air. If not breathing, give artificial respiration and seek medical attention immediately. Trained personnel should only administer oxygen.  
**SKIN:** In case of contact with the product or the cured product dust, fibers, or particulates, immediately wash skin with a mild soap and plenty of water. Use a washcloth to help remove the fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing or scratching may force the dust, fibers, or particulates into the pores of the skin. Get medical attention immediately if the irritation persists.  
**INGESTION:** If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

<u>FLASH PONT (F/C)</u>	<u>LEL (volume %)</u>	<u>UEL (volume %)</u>
N/A	N/A	N/A

**Extinguishing Media:** Carbon dioxide (CO2), dry chemical, alcohol resistant foam, or water spray.  
**Fire Fighting Procedures:** Wear a self-contained breathing apparatus.  
**Unusual Hazards:** None.  
**Combustion Products:** Toxic gasses such as carbon dioxide, carbon monoxide, metal oxides, and hydrochloric acid may form if ignited by flame.  
**Special Fire Hazard:** Avoid exposure through use of a self-contained, positive-pressure breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Use normal cleanup procedure for solid materials.

## 7. HANDLING AND STORAGE

Store in a cool, dry place away from heat and flame. Maintain sealed against contamination from dirt and moisture.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls:

Mechanical ventilation may be necessary if working with the product in enclosed areas at elevated temperatures as experienced during thermal welding.

### Personal Protective Equipment:

#### Respiration:

Approved respirator is recommended if exposure to airborne contaminants exceeds acceptable limits.

#### Eyes:

Safety glasses. Consult your safety representative.

#### Ingestion:

Observe the rules of hygiene. Wash hands and face before eating, drinking or smoking.

#### Skin:

Use protective gloves. Wash immediately in case of contact.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Colour:</b>	White / Green	<b>Appearance:</b>	Solid flexible membrane
<b>Odor:</b>	None	<b>Melting Point:</b>	258°C
<b>Solubility in Water:</b>	Insoluble		

## 10. STABILITY AND REACTIVITY

### CONDITIONS TO AVOID:

Prolonged excessive heat, sparks, open flame, and smoking.

### INCOMPATIBILITY WITH OTHER MATERIALS:

N/A

### HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic gases such as carbon dioxide, carbon monoxide, metal oxides, and hydrochloric acid may form if ignited by flame.

## 11. TOXICOLOGICAL INFORMATION

- Toxicological information is not available.

## 12. ECOLOGICAL INFORMATION

- No inhibitory or toxic microbes commonly found in biological treatment systems. Does not appear to enhance foaming. Discharge of scoured finishes should not result in increased effluent toxicity. Fiber product (Polymer) is ecologically safe.

## 13. DISPOSAL CONSIDERATIONS

- Material for disposal should be placed in appropriate sealed containers to avoid potential human and environmental exposure. It is the responsibility of the generator to comply with all, state, provincial and local laws and regulations.

## 14. TRANSPORT INFORMATION

SIN/UN Number:

Shipping Name :

Primary Hazard Label:

Not regulated

Packaging Group:

Not regulated

Class:

Not regulated



## 15. REGULATORY INFORMATION

EC no.	N/A
EEC Classification	Classified as hazardous.
R11	Highly Flammable.
R20/21/22	Harmful by inhalation and contact with the skin.
R34	Causes Burns.
R38	Irritating to the skin.
R39	Danger of very serious irreversible effects.
R43	May cause sensitization by skin contact.
R45	May cause cancer.
R65	Harmful- may cause lung damage if swallowed.
S1/2	Keep locked up/out of reach of children.
S13	Keep away from food, drink and animal feed stuffs.
S24/25	Avoid contact with the skin/eyes.
S43	In case of fire, use water, fog, foam or powder-do not use water jets.
S62	If swallowed, do not induce vomiting but seek medical advice immediately

## 16. OTHER INFORMATION

This data is offered in good faith as typical values and are not as a product specification. No warranty, whether expressed or implied is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

C	=	Ceiling limit	NEGL	=	Negligible
EST	=	Estimated	NF	=	None found
NA	=	Not applicable	UNKN	=	Unknown
NE	=	None established	REC	=	Recommended
ND	=	None determined	V	=	Recommended by vendor
TS	=	Trade secret	SKN	=	Skin
R	=	Recommended	MST	=	Mist

**Notice:** Take Precautionary measures against Static Discharges  
In case of any Discomfort always seek Medical Advice  
The information in this MSDS is based on the present state of our knowledge and on current national laws. The product is not to be used for purposes other than those specified. It is always the responsibility of the user to take all necessary steps in order to fulfill the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product – it is not to be considered as a guarantee of the product's properties.

**END OF MSDS**

**DISCLAIMER:** All information is given in good faith, but without guarantee in respect of accuracy and no responsibility is accepted for errors or omissions or the consequences thereof. For the current version of this MSDS please download from the Dura Paints website at [www.durapaints.co.za](http://www.durapaints.co.za).