

# SAFETY DATA SHEET

The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in this material safety data sheet do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

## SECTION 1 - IDENTIFICATION

**Product Name:** 171 PU Waterproofer  
**Other Names:** None Listed  
**Product Code:** 171  
**Product Type:** Polyurethane Membrane Coating  
**Major Ingredients:** MDI, Polyoxypropylenediamine, Diethyltoluene Diamine  
**Product Use:** Roll-on / Brush-on waterproof coating / casting and mould making  
**Company Details:** Base Coatings Pty Ltd (ABN 47 168 205 829)  
**Address:** 3B 62 O'Riordan St Alexandria NSW 2015  
**Telephone:** 1300 850 540  
**Emergency Telephone:** 1300 850 540  
**Other Information:** Users should verify currency of this data sheet if more than 3 years old.

## SECTION 2 - HAZARD(S) IDENTIFICATION

**Hazardous Nature:** Not classified as hazardous under GHS for Australia criteria  
**Hazardous Classification:** Not classified  
**D.G. Classification:** Not classified  
**Poisons Schedule:** Not scheduled

## SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

CAS No:	None allocated		
Chemical Ingredients:	Name	CAS	Proportion
	MDI		0-50%
	Polyoxypropylenediamine		0-10%
	Diethyltoluene Diamine		10-30%

## SECTION 4 - FIRST AID MEASURES

**For advice, contact Poisons Information Centre (Australia Ph: 13 11 26) or a doctor.**

**Inhalation:** If affected move subject to fresh air.  
**Skin Contact:** Remove product from skin by wiping with rag soaked in solvent (xylene is recommended solvent). Wash affected areas thoroughly with soap & water. Consult a physician if irritation persists.  
**Eye Contact:** Flush eyes with large amount of water for at least 15 minutes, holding the eye lids apart. Consult a physician if irritation persists.  
**Ingestion:** If swallowed drink at least 2 glasses of water. Consult a physician.

## SECTION 5 - FIRE FIGHTING MEASURES

**Hazchem Code:** Not applicable.  
**Extinguishing Agents:** Use extinguishing media appropriate for surrounding fire.  
**Fire Hazards:** Material is non-flammable  
**Unusual Hazards:** Dried film can burn.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Spills:** Contain spills with sand or earth. Remove to suitable container for disposal. Do not allow cleaning water and/or runoffs to enter sewers, storm water or open bodies of water.  
**Clean Up:** Wash area and equipment with water.  
**Personal Protection:** Wear protective clothing to minimise skin contact.

## SECTION 7 - HANDLING AND STORAGE

**Storage:** Store in a cool place and out of direct sunlight.  
Keep containers sealed when not in use.  
Store above 4°C and below 50°C.

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## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>National Exposure Standards:</b>	No value assigned for this specific material by Safe Work Australia.
<b>Biological Limit Values:</b>	As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.
<b>Engineering Measures:</b>	Use only in well ventilated areas. Keep containers closed when not in use.
<b>Personal Protection Equipment:</b>	GREEN - Overalls, Safety Shoes, Safety Glasses, Gloves.
<b>Respiratory Protection:</b>	If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
<b>Skin / Body Protection:</b>	Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Part A - Off-White Paste / Part B - Clear Liquid
<b>Odour:</b>	Part A - Slight Sweet Acrylic / Part B - No odour
<b>Specific Gravity:</b>	Part A - 1.08 - 1.15 / Part B - 0.99 - 1.03
<b>pH Value:</b>	8.0 - 9.0
<b>Viscosity:</b>	Part A - Very High / Part B - Very Low
<b>Flash Point:</b>	Part A & Part B - Non Combustible
<b>Solubility in Water:</b>	Part A - Not soluble/dilutable in water / Part B - Partly miscible with water
<b>Volatile Component:</b>	500-1000ppm
<b>Auto ignition Temp.:</b>	Not Applicable
<b>Stability:</b>	Stable

## SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity:</b>	No reactivity hazards are known for the material.
<b>Chemical stability:</b>	This material is thermally stable when stored and used as directed.
<b>Hazardous reactions:</b>	No known hazardous reactions.
<b>Conditions to avoid:</b>	Elevated temperatures and sources of ignition.

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Acute Effects</b>	
<b>Inhalation:</b>	The vapour is mildly irritating to the mucous membranes and respiratory tract. The vapour pressure at ambient temperature is very low and unlikely to cause exposure from normal handling. Frequent or prolonged exposure can cause respiratory irritation. Over exposure symptoms include headache, swelling and congestion of the eyes and sinus.
<b>Skin Contact:</b>	Repeated exposure and contact may cause dermatitis and cause sensation in some individuals.
<b>Eye Contact:</b>	Direct contact can cause eye irritation.
<b>Acute Toxicity:</b>	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >20 mg/L
<b>Chronic Toxicity:</b>	This material has been classified as non-hazardous.
<b>Toxicity Data:</b>	Oral LD 50 (Rat) > 5000 mg/kg (Typical) Dermal LD 50 (Rabbit) > 5000 mg/kg (Typical)

## SECTION 12 - ECOLOGICAL INFORMATION

Do not allow cleaning water and/or runoffs to enter sewers, storm water or open bodies of water.	
<b>Ecotoxicity:</b>	No information available
<b>Persistence and Degradability:</b>	No information available
<b>Bioaccumulative Potential:</b>	No information available.
<b>Mobility:</b>	No information available.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

### Disposal Methods:

#### For Small Quantities:

Do not pour leftover product down the drain. Unwanted product should be brushed out on newspaper, or poured into sand or soil and allowed to dry and then disposed of via domestic waste collection once dry. Empty containers should be left open in a well ventilated area to dry out. When dry recycle the container via local recycling programs where available. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local authority first.

#### For Large Quantities:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

## SECTION 14 - TRANSPORT INFORMATION

### UN Number:

Not Applicable

### Prooper Shipping Name:

Not Applicable

### D.G. Class:

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### Sub Risk:

Not Applicable

### Packaging Group:

Not Applicable

### Hazchem Code:

Not classified as hazardous under GHS for Australia criteria

## SECTION 15 - REGULATORY INFORMATION

### Country / Region:

Australia

### Inventory:

AICS

### Status:

Listed

### Poisons Schedule Number:

Not Scheduled

## SECTION 16 - OTHER INFORMATION

### Supersedes:

August 2015

### Reason(s) For Issue:

Revised. Format change.

## END OF SAFETY DATA SHEET

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Base Coatings cannot anticipate or control the conditions under which the product may be used, therefore each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.