

# Material Safety Data Sheet

Infosafe No.	Issue Date: November 2010	Approved by RLAPOLYM
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**Product Name:** TECHBOND 14

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** Techbond  
**Product Code** RL7150  
**Company Name** RLA Polymers Pty Ltd – ABN 89 004 709 915)  
**Address** 363 Wentworth Avenue,  
Pendle Hill NSW 2145 AUSTRALIA  
**Tel/Fax** Tel: (02) 9636 7444 Fax: (02) 8892 1128  
**Recommended use** Tile Adhesive

### Other Information

## 2. HAZARD IDENTIFICATION

**Hazard Classification** This product is hazardous according to the criteria of the ASCC. All components are listed on the AICS. Not classified as Dangerous goods according to the ADG Code. Not a scheduled poison according to SUSDP. Contains crystalline silica, a category 1 carcinogen.

**Risk Phrase(s)** R20 Harmful by inhalation  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R41 Risk of serious damage to eyes.  
R49(1) May cause cancer by inhalation  
R66 Repeated exposure may cause skin dryness and cracking.

**Safety Phrase(s)** S22 Do not breathe dust  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with [plenty of water and seek medical advice.  
S28 After contact with skin, wash immediately with plenty of water.  
S36/37 Wear suitable protective clothing and gloves.  
S38 If insufficient ventilation, wear suitable respiratory equipment.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterisation** Solid

Information on Composition Ingredients	Name	CAS	Proportion
	Portland cement	65997-15-1	20-50%
	Non Hazardous Ingredients		>50 %

## 4. FIRST AID MEASURES

**Swallowed** Wash mouth and lips with water. DO NOT induce vomiting. Give water to dilute stomach contents. Seek medical attention if symptoms persist.

**Eye** Rinse with plenty of water for at least 15 minutes.

**Skin** Wash with tepid soapy water.

**Inhaled** Remove from point of exposure to fresh air.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Specific Methods** All extinguishing media can be used. Material will not ignite readily

## 6. ACCIDENTAL RELEASE MEASURES

**Spills and Disposal** Clean up any spills as soon as possible. Shovel up and place in suitable container for disposal. Only dispose of at approved disposal sites. Follow local regulations.

**Environmental Precautions** Notify authorities if product enters sewers or public waterways.

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## 7. HANDLING AND STORAGE

**Handling and Storage** Always use protective gloves and clothing when handling. Store in a cool dry place, undercover away from moisture. Store away from oxidising agents and acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	<b>TWA</b>	<b>STEL</b>
Crystalline Silica	0.1 mg/m <sup>3</sup>	n.est
Portland Cement	10mg/m <sup>3</sup>	n.est
Calcium Carbonate	10mg/m <sup>3</sup>	n.est
<b>Respirator Type (AS 1716)</b>	Class P1 or dust Mask when mixing dry product. Once product is mixed with water no special respiratory protection is required.	
<b>Eye Protection</b>	Wear safety goggles.	
<b>Glove Type</b>	Wear protective rubber gloves.	
<b>Clothing</b>	Wear protective overalls.	
<b>Footwear</b>	Wear safety boots.	
<b>Work/Hygienic</b>	Wash hands and other exposed areas with soap and water before eating, drinking and smoking. Use barrier cream to protect skin.	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light grey powder.	<b>Form</b>	Solid
<b>Specific Gravity</b>	approx. 1.0.	<b>pH (1:1 with water)</b>	>11
<b>Solubility in Water</b>	Slightly soluble forming an alkaline (caustic) product.	<b>VOC</b>	<1g/L

## 10. STABILITY AND REACTIVITY

**Hazardous Decomposition Products** On exposure to high temperature, may decompose, releasing toxic gasses. Incompatible with strong acids. Will harden on exposure to moisture.

## 11. TOXICOLOGICAL INFORMATION

**Ingestion** May cause burning sensation and abdominal discomfort. Corrosive to mouth and throat.  
**Eye** May cause irritation to the eyes.  
**Skin** May cause irritation to the skin.  
**Inhalation** May cause irritation to the nasal passages.  
**Chronic Effects** Long term exposure to high dust concentrations may cause changes in lung function. ie. Pneumoconiosis; caused by particles less than 0.5 microns penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray. There is some evidence that inhaling this product (in dry powder for) is more likely to cause a sensitisation reaction in some persons compared to the general population. There is limited evidence that, skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population. Respiratory sensitisation may result in allergic/asthma like responses; from coughing and minor breathing difficulties to bronchitis with wheezing, gasping.

## 12. ECOLOGICAL INFORMATION

**Ecological Information** No information available

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### 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations**        Clean up any spills as soon as possible. Shovel up and place in suitable container for disposal. Only dispose of at approved disposal sites. Follow local regulations.

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### 14. TRANSPORT INFORMATION

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**Storage and Transport**        Not classified as dangerous

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### 15. REGULATORY INFORMATION

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<b>Product Name</b>	Techbond 14
<b>Proper Shipping Name</b>	None Allocated
<b>UN Number</b>	None Allocated
<b>DG Class</b>	None Allocated
<b>Packing Group</b>	None Allocated
<b>Hazchem Code</b>	None Allocated
<b>Poisons Schedule</b>	Not Scheduled
<b>Hazard Category</b>	Toxic, Irritant

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### 16. OTHER INFORMATION

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**Contact**        For further information contact the Technical Manager or General Manager at the Pendle Hill Plant, phone (02)9636 7444.

For after hours emergencies contact the Technical Manager phone (02)9548 1577 or 0417 815 376

In case of poisoning call the Poison Information Centre, phone 131 126.

**Last Change**        Date of Last Change: 25/11/10

This MSDS 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. The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied, is made.

. . . End of MSDS. . .