

# Material Safety Data Sheet

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CS: 1.7.2

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Infosafe No™ LQOWN Issue Date : March 2012 ISSUED by BARNES

Product Name **PINKYSIL PART A**

Not classified as hazardous

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**Product Name** PINKYSIL PART A  
**Product Use** Silicone moulding rubber  
**Company Name** Barnes Products Pty Ltd (ABN 004 011 456)  
**Address** 6 Homedale Road Bankstown  
NSW 2200  
**Emergency Tel.** (02) 9793 7555  
**Telephone** Tel: (02) 9793 7555  
**Number/Fax** Fax: (02) 9793 7091  
**Other Names** Name  
PINKY PART A  
PINKYSIL SILICONE PART A  
PINKYSIL PUTTY PART A

### Product Code

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on Composition** Polydimethylsiloxane with functional groups and auxiliaries for addition cross-linking.  
**Ingredients**

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
Ingredients determined not to be hazardous		100 %		

## 3. HAZARDS IDENTIFICATION

**Chronic Effects** Not available  
**Inhalation** Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.  
**Ingestion** Ingestion of this product may irritate the gastric tract causing nausea and vomiting.  
**Skin** May be irritating to skin. The symptoms may include redness, itching and swelling.  
**Eye** May be irritating to eyes. The symptoms may include redness, itching and tearing.

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.  
**Ingestion** Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.  
**Skin** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.  
**Eye** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.  
**First Aid Facilities** Eyewash and normal washroom facilities.  
**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use carbon dioxide, dry chemical, foam, water mist or water spray.  
**Specific Hazards** Combustible liquid. This product will readily burn under fire conditions.  
**Hazardous Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.  
**Precautions in connection with Fire** Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

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**Unsuitable Extinguishing Media** Do not use water jet.  
**Flash Point** >250°C  
**Ignition Temperature** >400°C  
**Flammable Limits UEL** Not available  
**Flammable Limits LEL** Not available  
**Flammability** Combustible

## 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

## 7. HANDLING AND STORAGE

**Handling** Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Storage Regulations** Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition.

**Storage** Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

**Eye Protection** Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

**Hand Protection** Wear gloves of impervious material such as butyl rubber or nitrile rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments

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<b>Body Protection</b>	undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.
<b>Eng. Controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.
<b>Biological Limit Values</b>	No biological limit allocated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White liquid
<b>Odour</b>	Odourless
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Virtually insoluble
<b>pH Value</b>	7 (approximate)
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Viscosity</b>	2500 mPa.s at 23°C
<b>Density</b>	1.1 g/cm <sup>3</sup> (at 20°C)
<b>Flash Point</b>	>250°C
<b>Flammability</b>	Combustible
<b>Ignition Temperature</b>	>400°C
<b>Flammable Limits</b>	Not available
<b>LEL</b>	
<b>Flammable Limits</b>	Not available
<b>UEL</b>	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions of storage and handling.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Materials to Avoid</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide. Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150°C through oxidation.
<b>Hazardous Reaction</b>	Reacts with incompatibles.
<b>Conditions to Avoid</b>	Heat and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

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**Skin** May be irritating to skin. The symptoms may include redness, itching and swelling.  
**Eye** May be irritating to eyes. The symptoms may include redness, itching and tearing.  
**Chronic Effects** Not available

## 12. ECOLOGICAL INFORMATION

**Environ. Protection** Prevent this material entering waterways, drains and sewers.  
**Mobility** Insoluble in water. Forms thin oil on surface of water. Absorbed by floating particles. Separation by sedimentation.  
**Persistence / Degradability** Biologically not degradable. Polydimethylsiloxanes are degradable to a certain extent in abiotic processes. Elimination by adsorption to activated sludge.  
**Bioaccumulation** Bioaccumulation is not expected to occur.  
**Ecotoxicity** No data is available for this material.

## 13. DISPOSAL CONSIDERATIONS

The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

## 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
**IMDG Marine Pollutant (MP)** No

## 15. REGULATORY INFORMATION

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).  
**Poisons Schedule** Not Scheduled

## 16. OTHER INFORMATION

**SDS History** MSDS Created: March 2012  
**Poisons Schedule** Not Scheduled  
...End Of MSDS...

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