

Infosafe No™ LPXT1	Issue Date :November 2008	ISSUED by HENKELPS	CS: 1.4.22
--------------------	---------------------------	--------------------	------------

 Product Name : **LOCTITE 561 PIPE SEALANT STICK**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name LOCTITE 561 PIPE SEALANT STICK
Product Code 525718
Company Name HENKEL AUSTRALIA PTY. LIMITED (ABN 82 001 302 996)
Address 135-141 Canterbury Road KILSYTH
 VICTORIA 3137 Australia
Emergency Tel. (03) 9724 6556 (24 hour)
Telephone/Fax Number Tel: (03) 9724 6444
Recommended Use Semi-solid pipe sealant

Other Names	<u>Name</u>	<u>Product Code</u>
	LOCTITE 561 PIPE SEALANT STICK	37776

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as Hazardous according to criteria of the Australian Safety and Compensation Council (ASCC).
 Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Risk Phrase(s) R36 Irritating to eyes.
 R43 May cause sensitization by skin contact.

Safety Phrase(s) S25 Avoid contact with eyes.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Hexanoic acid, 2-ethyl-, oxybis(2,1-ethanedioxy-2,1-ethanedioyl) ester dimethacrylate ester	18268-70-7	30-60 %
	Polyglycol dimethacrylate	25852-47-5	10-30 %
	Thixotropic agent	unknown	5-10 %
	Bisphenol A Fumarate Resin	39382-25-7	5-10 %
	Saccharin	81-07-2	1-5 %
	Polytetrafluoroethylene	9002-84-0	1-5 %
	Ethylene glycol	107-21-1	1-5 %
	Silica, amorphous, fumed, crystalline free	112945-52-5	1-5 %
	Titanium dioxide	13463-67-7	1-5 %

4. FIRST AID MEASURES

Inhalation If inhaled, remove to fresh area. Keep at rest until recovered. If symptoms develop seek medical attention.

Ingestion Do not induce vomiting. Wash mouth and lips thoroughly with water. Seek medical attention.

Skin Remove all clothing from affected area. Wash skin with running water and mild soap. Wash removed clothing before reuse or discard. If irritation develops, 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 off completely. Seek medical attention.

First Aid Facilities Eye wash and normal wash room facilities.

Infosafe No™ LPXT1	Issue Date :November 2008	ISSUED by HENKELPS	CS: 1.4.22
--------------------	---------------------------	--------------------	------------

Product Name : **LOCTITE 561 PIPE SEALANT STICK**

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Foam, dry chemical powder, carbon dioxide.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide, fluorine compounds and other organic vapours.

Specific Hazards Combustible solid. Will readily burn under fire conditions.

Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise 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 the 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 authorities and EPA in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Wear appropriate protective clothing and equipment to prevent exposure. Use in designated areas with adequate ventilation and away from sources of ignition. Prevent the creation of vapour or mist in the work atmosphere. Keep containers closed when not in use. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Conditions for Safe Storage Store in a dry, well-ventilated area away from heat and sources of ignition. Store at or below 38°C. This product should be stored away from foodstuffs and strong oxidising agents. Keep containers tightly closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure limits have been established for this material by the Australian Safety and Compensation Council (ASCC). However exposure standards for ingredients are stated below:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m
Ethylene Glycol (Vapour)	20	52	40	104
Silica (amorphous, respirable)	-	2	-	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values No biological limit allocated.

Engineering Controls Where mists, vapours or dusts may be generated, proper ventilation must be provided. Local exhaust ventilation may be required in inadequately ventilated areas.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable particulate/dust or organic filter (as applicable) 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

Infosafe No™ LPXT1	Issue Date :November 2008	ISSUED by HENKELPS	CS: 1.4.22
--------------------	---------------------------	--------------------	------------

Product Name : **LOCTITE 561 PIPE SEALANT STICK**

Eye Protection	Devices, in order to make any necessary changes for individual circumstances. Safety glasses with side shields or goggles should be worn. Eye protection should comply with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Chemical impervious gloves should be worn. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White semi-solid stick
Odour	Mild
Melting Point	No available
Boiling Point	149°C
Solubility in Water	Slightly soluble
Specific Gravity	1.1394
pH Value	Not applicable
Vapour Pressure	Less than 10mm Hg at 27°C
Vapour Density (Air=1)	Not available
Volatile Component	1.0586%: 12.06grams/litre
Flash Point	Not applicable
Flammability	Non flammable
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, fluorine compounds and other organic vapours.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicology data available for this product.
Inhalation	Inhalation of vapours or mists generated in confined, poorly ventilated areas or at elevated temperatures, may cause respiratory system irritation, other pulmonary effects, headache, dizziness and nausea.
Ingestion	May cause irritation of the gastrointestinal tract which may result in possible nausea, vomiting and diarrhoea.
Skin	May irritate in contact with skin, resulting in possible skin irritation and possibly lead to dermatitis. May cause sensitization by skin contact.
Eye	Eye contact will cause mild irritation with possible stinging, blurring and tearing.
Chronic Effects	Prolonged or repeated skin contact may cause sensitization.

Infosafe No™ LPXT1	Issue Date :November 2008	ISSUED by HENKELPS	CS: 1.4.22
--------------------	---------------------------	--------------------	------------

Product Name : **LOCTITE 561 PIPE SEALANT STICK**

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environ. Protection	Do not discharge the product into drains, sewers or waterways.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Transport Information	Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
------------------------------	--

15. REGULATORY INFORMATION

Regulatory Information	Classified as Hazardous according to criteria of the Australian Safety and Compensation Council (ASCC).
Poisons Schedule	Classified as a S5 Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP). S5
Hazard Category	Irritant

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Created: November 2008
---	-----------------------------

Other Information	<p>DISCLAIMER: The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material. The information contained in this Material Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel Australia Pty. Limited assumes no legal responsibility for reliance upon same. Henkel Australia Pty. Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Material Safety Data Sheet.</p> <p>This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by either Commonwealth or State statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.</p> <p>...End Of MSDS...</p>
--------------------------	---

This MSDS is issued by Henkel Australia Pty. Ltd in accordance with Australian Safety and Compensation Council Guidelines and is the Copyright of Henkel Australia Pty. Ltd. This MSDS may be copied only and used for the following purposes:

- a) for entities to whom Henkel Australia Pty. Ltd. supplies or intends to supply this product
- b) for employees who use this product in the workplace.

The layout, presentation and appearance of this MSDS, including computer source code is the intellectual property of ACOHS Pty Ltd and is the Copyright of ACOHS Pty Ltd. Specifically, this MSDS cannot be copied or used for the purpose of sale without the express written consent of Henkel Australia Pty. Ltd and ACOHS Pty.Ltd.