

Safety Data Sheet

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LOCTITE 55 PIPE SEALING CORD known as PIPE SEALING
CORD 55 160MSDS No. : 168432 V001.3
Revision: 04.01.2022
printing date: 03.04.2023**SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product name: LOCTITE 55 PIPE SEALING CORD known as PIPE SEALING CORD 55 160M

Intended use: Sealant

Supplier: Henkel New Zealand Ltd
2 Allens Rd
Auckland, 2013
New Zealand
Phone: +64 (9) 272-6710

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

SECTION 2 HAZARDS IDENTIFICATION**Classification of the substance or mixture**

Not classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).
Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

GHS Classification:

No classification required.

No classification required.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description: Type of preparation: Mixture
Coated Nylon
Thread

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Limestone	1317-65-3	30- < 60 %
Talc	14807-96-6	< 10 %
non hazardous ingredients~		30- <= 60 %

SECTION 4 FIRST AID MEASURES

Ingestion:	In case of adverse health effects seek medical advice.
Skin:	Rinse with running water and soap.
Eyes:	None expected.
Inhalation:	No specific treatment is necessary since material is not likely to be hazardous by inhalation.
First Aid facilities:	Normal washroom facilities
Medical attention and special treatment:	Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	water, carbon dioxide, foam, powder
Improper extinguishing media:	None known
Decomposition products in case of fire:	carbon oxides.
Particular danger in case of fire:	None
Special protective equipment for fire-fighters:	Keep unnecessary personnel away. Wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	See advice in section 8
Environmental precautions:	No special environmental precautions required.
Clean-up methods:	Dispose of contaminated material as waste according to Section 13.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	No particular measures required.
Conditions for safe storage:	Store in a cool, dry place. Keep container tightly sealed.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Ceiling	STEL (ppm)	STEL (mg/m3)
LIMESTONE 1317-65-3		10		-	-	-
TALC (CONTAINING NO ASBESTOS FIBRES), RESPIRABLE DUST 14807-96-6	Respirable dust.		2	-	-	-

Biological Exposure Indices: None

Engineering controls: Ensure good ventilation/extraction.

Eye protection: None required in normal use.

Skin protection: Wear suitable protective clothing.
Suitable protective gloves.

Respiratory protection: If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white
paste

Odor: characteristic

Specific gravity: 1.25

Boiling point: 150 °C (302 °F)

Flash point: > 93 °C (> 199.4 °F)
(Closed cup)

Vapor pressure: < 0 mm hg
(; 20 °C (68 °F))

Vapor density: < 1
(Air = 1)

Solubility in water: Partially soluble (23 °C)

VOC content (2004/42/EC) VOC content: 0.0 % (VOCV 814.018 VOC regulation CH) 1 % 12.75 g/l

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Conditions to avoid: Stable

Incompatible materials:	Oxidizing agents. Fluorine. Ammonium salts. Heat, sunlight, UV light, contamination or an oxygen free atmosphere.
Hazardous decomposition products:	carbon oxides.
Hazardous polymerization:	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects:	
Ingestion:	Not expected to be harmful by ingestion. Not expected to be harmful by ingestion.
Skin:	May cause skin irritation. May cause skin irritation.
Eyes:	May cause irritation. May cause irritation.
Inhalation:	Not expected under normal conditions of use. Not expected under normal conditions of use.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Limestone 1317-65-3	LD50	> 5,000 mg/kg	oral		rat	not specified
	LD50	> 5,000 mg/kg	dermal		rat	not specified
Talc 14807-96-6	LD50	> 5,000 mg/kg	oral	4 h	rat	OECD Guideline 423 (Acute Oral toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
	LC50	> 2.1 mg/l	inhalation		rat	
	LD50	> 2,000 mg/kg	dermal		rat	

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Limestone 1317-65-3	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Talc 14807-96-6	slightly irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Limestone 1317-65-3	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Talc 14807-96-6	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Limestone 1317-65-3	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Talc 14807-96-6	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Limestone 1317-65-3	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Talc 14807-96-6	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian cell transformation assay	with and without without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Talc 14807-96-6	negative	oral: gavage		rat	equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Limestone 1317-65-3	NOAEL=1,000 mg/kg	oral: gavage	48 ddaily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Talc 14807-96-6	NOAEL=100 mg/kg	oral: feed	101 d7 d/w	rat	equivalent or similar to OECD Guideline 452 (Chronic Toxicity Studies)

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Limestone 1317-65-3	LC50	> 10,000 mg/l	Fish	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
Limestone 1317-65-3	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Limestone 1317-65-3	EC50	> 200 mg/l	Algae	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
Limestone 1317-65-3	EC50	> 1,000 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) not specified
Talc 14807-96-6	LC50	100,000 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated. Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

Dangerous Goods information:

Land Transport:

Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

New Zealand regulatory information:

Not classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).

HSNO Approval Number: none

NZIoC: Not Compliant for NZIoC

SECTION 16. OTHER INFORMATION	
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Abbreviations/acronyms:	HSNO - Hazardous Substances and New Organisms IMDG: International Maritime Dangerous Goods code IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
Reason for issue:	Reviewed MSDS. Reissued with new date. involved chapters: 1 - 16
Date of previous issue:	30.05.2017
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