SAFETY DATA SHEET

LOCTITE 55 PIPE SEALING CORD KNOWN AS PIPE SEALING CORD 55 160M

Infosafe No.: ACPF1
ISSUED Date : 26/08/2021
ISSUED by: HENKEL AUSTRALIA PTY LTD

1. Identification

GHS Product Identifier
LOCTITE 55 PIPE SEALING CORD KNOWN AS PIPE SEALING CORD 55 160M

Company name
HENKEL AUSTRALIA PTY LTD

Address
135-141 Canterbury Road Kilsyth
VIC 3137 AUSTRALIA

Telephone/Fax Number
Tel: +61 (3) 9724 6444

Emergency phone number
24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Recommended use of the chemical and restrictions on use
Intended use: Sealant

2. Hazard Identification

GHS classification of the substance/mixture
Hazard Class: Carcinogenicity
Hazard Category: Category 1A
Route of Exposure: Inhalation

Signal Word (s)
DANGER

Hazard Statement (s)
H350 May cause cancer.

Pictogram (s)
Health hazard

Precautionary statement – Prevention
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P281 Use personal protective equipment as required.

Precautionary statement – Response
P308+P313 IF exposed or concerned: Get medical advice/attention.

Precautionary statement – Storage
P405 Store locked up.

Precautionary statement – Disposal
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Other Information

Classification of the substance or mixture:
Hazardous according to the criteria of Safe Work Australia.
Dangerous Goods information:
Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Limestone	1317- 65- 3	30- <60 %
Talc	14807- 96- 6	<10 %
Titanium dioxide	13463- 67- 7	<10 %
Non hazardous ingredients~		30- <= 60 %

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

Other Information
Identity of ingredients:
Chemical ingredients: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7
Proportion: 0.1 - < 1 %

4. First-aid measures

Inhalation
No specific treatment is necessary since material is not likely to be hazardous by inhalation.

Ingestion
In case of adverse health effects seek medical advice.

Skin
Rinse with running water and soap.

Eye contact
None expected.

First Aid Facilities
Normal washroom facilities

Indication of immediate medical attention and special treatment needed if necessary
Treat symptomatically and supportively.

5. Fire-fighting measures

Suitable Extinguishing Media
Water, carbon dioxide, foam, powder

Unsuitable Extinguishing Media
None known

Hazards from Combustion Products
Carbon oxides.

Special Protective Equipment for fire fighters
Keep unnecessary personnel away.
Wear self-contained breathing apparatus.

Specific Hazards Arising From The Chemical
Particular danger in case of fire: None

6. Accidental release measures

Methods And Materials For Containment And Cleaning Up
Dispose of contaminated material as waste according to Section 13.

Personal Precautions
See advice in section 8

Environmental Precautions
No special environmental precautions required.

7. Handling and storage

Precautions for Safe Handling
No particular measures required.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry place.
Keep container tightly sealed.

8. Exposure controls/personal protection

Occupational exposure limit values
Ingredient [Regulated substance]: Nuisance dusts, inhalable dust (1317-65-3)
Form of exposure: Inhalable dust.
TWA (mg/m3): 10
Ingredient [Regulated substance]: TALC, (CONTAINING NO ASBESTOS FIBRES) (14807-96-6)
TWA (mg/m3): 2.5
Ingredient [Regulated substance]: TITANIUM DIOXIDE (13463-67-7)
Form of exposure: Inhalable dust.
TWA (mg/m3): 10
Ingredient [Regulated substance]: SILICA, CRYSTALLINE: QUARTZ (RESPIRABLE DUST) (14808-60-7)
Form of exposure: Respirable dust.
TWA (mg/m3): 0.05
Ingredient [Regulated substance]: QUARTZ (RESPIRABLE DUST) (14808-60-7)
Form of exposure: Respirable dust.
TWA (mg/m3): 0.05

Appropriate engineering controls
Ensure good ventilation/extraction.

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.

Eye Protection
None required in normal use.

Hand Protection
Suitable protective gloves.

Body Protection
Wear suitable protective clothing

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Paste	**Appearance**	White Paste
Odour	Characteristic	**Boiling Point**	150°C (302°F)
Solubility in Water	Partially soluble (20 °C)	**Specific Gravity**	1.25
Vapour Pressure	< 0 mm hg (; 20 °C (68 °F))	**Vapour Density (Air=1)**	< 1
Flash Point	>93°C (Closed Cup) (>199.4°F)		

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

10. Stability and reactivity

Chemical 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.

11. Toxicological Information

Toxicology Information
Repeated dose toxicity:
Hazardous components: Limestone
CAS-No.: 1317-65-3
Result: NOAEL=1,000 mg/kg
Route of application: Oral: gavage
Exposure time / Frequency of treatment: 48 ddaily
Species: Rat
Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: NOAEL=100 mg/kg
Route of application: Oral: feed
Exposure time / Frequency of treatment: 101 d7 d/w
Species: Rat
Method: Equivalent or similar to OECD Guideline 452 (Chronic Toxicity Studies)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Result: NOAEL=1,000 mg/kg
Route of application: Oral: gavage
Exposure time / Frequency of treatment: 90 ddaily
Species: Rat
Method: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Acute Toxicity - Oral
Hazardous components: Limestone
CAS-No.: 1317-65-3
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Oral
Species: Rat
Method: Not specified
Hazardous components: Talc
CAS-No.: 14807-96-6
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Oral
Species: Rat
Method: OECD Guideline 423 (Acute Oral toxicity)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Oral

Species: Rat
Method: OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)
Hazardous components: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7
Value type: LD50
Value: > 5,050 mg/kg
Route of application: Oral
Species: Rat
Method: Not specified

Acute Toxicity - Inhalation
Hazardous components: Talc
CAS-No.: 14807-96-6
Value type: LC50
Value: > 2.1 mg/l
Route of application: Inhalation
Exposure time: 4 h
Species: Rat
Method: OECD Guideline 403 (Acute Inhalation Toxicity)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: LC50
Value: > 6.82 mg/l
Route of application: Inhalation
Exposure time: 4 h
Species: Rat
Method: Not specified

Acute Toxicity - Dermal
Hazardous components: Limestone
CAS-No.: 1317-65-3
Value type: LD50
Value: > 5,000 mg/kg
Route of application: Dermal
Species: Rat
Method: Not specified
Hazardous components: Talc
CAS-No.: 14807-96-6
Value type: LD50
Value: > 2,000 mg/kg
Route of application: Dermal
Species: Rat
Method: OECD Guideline 402 (Acute Dermal Toxicity)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: LD50
Value: >= 10,000 mg/kg
Route of application: Dermal
Species: Hamster
Method: Not specified
Hazardous components: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7
Value type: LD50
Value: > 2,000 mg/kg
Route of application: Dermal
Species: Not specified
Method: Not specified

Ingestion
Not expected to be harmful by ingestion.

Inhalation
Not expected under normal conditions of use.

Skin
May cause skin irritation.

Eye
May cause irritation.

Skin corrosion/irritation
Hazardous components: Limestone
CAS-No.: 1317-65-3
Result: Not irritating
Exposure time: 4 h
Species: Rabbit
Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: Slightly irritating
Exposure time: 4 h
Species: Rabbit
Method: OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Result: Not irritating
Exposure time: 4 h
Species: Rabbit
Method: Equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation
Hazardous components: Limestone
CAS-No.: 1317-65-3
Result: Not irritating
Species: Rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: Not irritating
Species: Rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Result: Not irritating
Species: Rabbit
Method: OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Skin Sensitisation
Hazardous components: Limestone
CAS-No.: 1317-65-3
Result: Not sensitising
Test type: Mouse local lymphnode assay (LLNA)
Species: Mouse
Method: OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: Not sensitising
Test type: Guinea pig maximisation test
Species: Guinea pig
Method: OECD Guideline 406 (Skin Sensitisation)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Result: Not sensitising
Test type: Mouse local lymphnode assay (LLNA)
Species: Mouse
Method: Equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity
Hazardous components: Limestone
CAS-No.: 1317-65-3
Result: Negative
Type of study / Route of administration: Bacterial reverse mutation assay (e.g Ames test)
Metabolic activation / Exposure time: With and without
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Result: Negative
Type of study / Route of administration: In vitro mammalian chromosome aberration test
Metabolic activation / Exposure time: With and without
Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Result: Negative
Type of study / Route of administration: Mammalian cell gene mutation assay
Metabolic activation / Exposure time: With and without
Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: Negative
Type of study / Route of administration: Bacterial reverse mutation assay (e.g Ames test)
Metabolic activation / Exposure time: With and without
Method: Equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Result: Negative
Type of study / Route of administration: In vitro mammalian cell transformation assay
Metabolic activation / Exposure time: Without
Method: Equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Hazardous components: Talc
CAS-No.: 14807-96-6
Result: Negative
Type of study / Route of administration: Oral: gavage
Species: Rat
Method: Equivalent or similar to OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Result: Negative
Type of study / Route of administration: Bacterial reverse mutation assay (e.g Ames test)
Metabolic activation / Exposure time: With and without
Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Result: Negative
Type of study / Route of administration: In vitro mammalian chromosome aberration test
Metabolic activation / Exposure time: With and without
Method: OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Result: Negative
Type of study / Route of administration: Mammalian cell gene mutation assay
Metabolic activation / Exposure time: With and without
Method: OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Result: Negative
Type of study / Route of administration: Oral: gavage
Species: Mouse
Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

12. Ecological information

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

Acute Toxicity - Fish
Hazardous components: Limestone
CAS-No.: 1317-65-3
Value type: LC50
Value: > 10,000 mg/l
Acute Toxicity Study: Fish
Exposure time: 96 h
Species: Not specified
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)
Hazardous components: Talc
CAS-No.: 14807-96-6
Value type: LC50
Value: 100,000 mg/l
Acute Toxicity Study: Fish

Exposure time: 96 h
Species: Brachydanio rerio (new name: Danio rerio)
Method: Not specified
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: LC50
Value: Toxicity > Water solubility
Acute Toxicity Study: Fish
Exposure time: 48 h
Species: Leuciscus idus
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)
Hazardous components: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7
Value type: LC50
Value: > 1,000 mg/l
Acute Toxicity Study: Fish
Exposure time: 96 h
Species: Not specified
Method: OECD Guideline 203 (Fish, Acute Toxicity Test)

Acute Toxicity - Daphnia
Hazardous components: Limestone
CAS-No.: 1317-65-3
Value type: EC50
Value: > 1,000 mg/l
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: EC50
Value: Toxicity > Water solubility
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Hazardous components: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7
Value type: EC50
Value: > 1,000 mg/l
Acute Toxicity Study: Daphnia
Exposure time: 48 h
Species: Daphnia magna
Method: OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Acute Toxicity - Algae
Hazardous components: Limestone
CAS-No.: 1317-65-3
Value type: EC50
Value: > 200 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Not specified
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: EC50
Value: Toxicity > Water solubility
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Pseudokirchneriella subcapitata
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)
Hazardous components: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7

Value type: EC50
Value: > 1,000 mg/l
Acute Toxicity Study: Algae
Exposure time: 72 h
Species: Not specified
Method: OECD Guideline 201 (Alga, Growth Inhibition Test)

Acute Toxicity - Bacteria
Hazardous components: Limestone
CAS-No.: 1317-65-3
Value type: EC50
Value: > 1,000 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 3 h
Species: Activated sludge of a predominantly domestic sewage
Method: OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Hazardous components: Titanium dioxide
CAS-No.: 13463-67-7
Value type: EC0
Value: Toxicity > Water solubility
Acute Toxicity Study: Bacteria
Exposure time: 24 h
Species: Pseudomonas fluorescens
Method: DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm-Test)
Hazardous components: Quartz (SiO2), <1% respirable
CAS-No.: 14808-60-7
Value type: EC0
Value: > 1,000 mg/l
Acute Toxicity Study: Bacteria
Exposure time: 3 h
Species: Not specified
Method: OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

13. Disposal considerations

Product Disposal
Dispose of in accordance with local and national regulations.

Container Disposal
Disposal for uncleaned package:
Packaging that cannot be cleaned are to be disposed of in the same manner as the product.
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.

14. Transport information

U.N. Number
None Allocated

UN proper shipping name
None Allocated

Transport hazard class(es)
None Allocated

UN Number (Air Transport, ICAO)
NCAD

IATA/ICAO Proper Shipping Name
Not dangerous for conveyance under IATA code

IMDG UN No
NCAD

IMDG Proper Shipping Name
Not dangerous for conveyance under IMO/IMDG code

Other Information
Road and Rail Transport:
Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
Marine transport IMDG:
Not dangerous goods
Air transport IATA:
Not dangerous goods

15. Regulatory information

Poisons Schedule
Not Scheduled

16. Other Information

Revisions Highlighted
Reason for issue:
Reviewed MSDS. Reissued with new date. involved chapters: 1 - 16

Other Information
SDS No.: 168432
V001.5
Abbreviations/acronyms:
ADGC - Australian Dangerous Goods Code
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
AIIC - Australian Inventory of Industrial Chemicals (AIIC)
AICIS - Australian Industrial Chemicals Introduction Scheme
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END OF SDS