



Safety Data Sheet

LOCTITE EA 9133 MUFFLER PUTTY known as MUFFLER
PUTTY 200g CAN

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SDS No. : 430060

V001.4

Date of issue: 12.01.2021

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE EA 9133 MUFFLER PUTTY known as MUFFLER PUTTY 200g CAN

Intended use: Car-care product

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture
Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin irritation	Category 2
Serious eye irritation	Category 2A

Hazard pictogram:



Signal word: Warning

Hazard statement(s): H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statement(s):

Prevention: P264 Wash hands thoroughly after handling.
P280 Wear protective gloves, eye protection, and face protection.

Response:

P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing.

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).

Section 3. Composition / information on ingredients

General chemical description: Mixture

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Kaolin	1332-58-7	30- < 60 %
Silicic acid, sodium salt > 2,6 <= 3,2, solution	1344-09-8	10- < 30 %
non hazardous ingredients~		30- < 60 %

Section 4. First aid measures

Ingestion: Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
In case of adverse health effects seek medical advice.

Skin: Rinse immediately with plenty of running water, seek medical advice if necessary.

Eyes: Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Inhalation: Move to fresh air.
In case of adverse health effects seek medical advice.

First Aid facilities: Eye wash
Normal washroom facilities

Medical attention and special treatment: Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media: Use media appropriate for surrounding material.

Decomposition products in case of fire: Thermal decomposition can lead to release of irritating gases and vapors.
Carbon monoxide.
Carbon dioxide.
Decomposition products include oxides of sodium.
Silica fume

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional fire fighting advice: In case of fire use foam or powder extinguisher.

Section 6. Accidental release measures

Personal precautions: Avoid contact with skin and eyes.
See advice in section 8

Clean-up methods: Sweep up or gather material and place in appropriate container for disposal.

Section 7. Handling and storage

Precautions for safe handling: Avoid skin and eye contact.
Use only in well-ventilated areas.
See advice in section 8

Conditions for safe storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.
Keep away from sources of ignition.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
KAOLIN 1332-58-7	Inhalable dust.		10				

Engineering controls: Ensure good ventilation/suction at the workplace.

Eye protection: Safety glasses.

Skin protection: Wear suitable protective clothing.
Suitable protective gloves.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

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: Black
Paste
pH: Not available.
Flash point: Not available.
Density: 1.8 g/cm³
Solubility in water: Slightly soluble

Section 10. Stability and reactivity

Stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Avoid excessive heat and ignition sources.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors.
Carbon monoxide.
Carbon dioxide.
Decomposition products include oxides of sodium.

Section 11. Toxicological information

Health Effects:

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin: Irritating to skin.
Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Eyes: Causes serious eye irritation.
Symptoms may include severe irritation, pain, tearing, blurred vision.

Inhalation: May cause irritation to nose and throat.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Kaolin 1332-58-7	LD50	> 2,000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity) not specified
	LD50	> 5,000 mg/kg	dermal		rat	
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	LD50	3,400 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity) EPA OPPTS 870.1200 (Acute Dermal Toxicity)
	LD50	> 5,000 mg/kg	dermal		rat	

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	irritating		rabbit	In vitro

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	not sensitising	Mouse local lymph node assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	negative negative negative	in vitro mammalian chromosome aberration test mammalian cell gene mutation assay bacterial reverse mutation assay (e.g Ames test)	with and without with and without with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	negative	oral: feed		mouse	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Kaolin 1332-58-7	NOAEL=5000 ppm	oral: feed	90 dayscontinuous	rat	Henkel Method
Kaolin 1332-58-7	LOAEL=<= 10000 ppm	oral: feed	90 dayscontinuous	rat	Henkel Method
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	NOAEL=2,400 mg/kg	oral: feed	4 wdaily	rat	OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)

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
Kaolin 1332-58-7	LC50	Toxicity > Water solubility	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Kaolin 1332-58-7	EC50	Toxicity > Water solubility	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Kaolin 1332-58-7	EC50	Toxicity > Water solubility	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test) not specified
Kaolin 1332-58-7	EC0	1,000 mg/l	Bacteria	30 min		
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	LC50	> 100 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8	EC50	1,700 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Silicic acid, sodium salt > 2,6 <= 3,2, solution 1344-09-8		> 345.4 mg/l	Algae	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)

Section 13. Disposal considerations

Waste disposal of product: Dispose of according to Federal, State and local governmental regulations.

Section 14. Transport 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

Section 15. Regulatory information

SUSMP Poisons Schedule 6

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Medicines of Drugs and Poisons

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Disclaimer:

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