



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE SILVER ANTI-SEIZE STICK

Product-Code: 944870

Intended use: Lubricant

Supplier:

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

Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xi - Irritant

Risk phrases:

R41 Risk of serious damage to eyes.

Safety phrases:

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

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).

Signal word:

HAZARDOUS

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO	64742-52-5	10 - 30 %
Mineral oil light naphthenic hydrotreat. <3% DMSO	64742-53-6	10 - 30 %
Graphite	7782-42-5	10 - 30 %
Calcium oxide	1305-78-8	10 - 30 %
Aluminum not powder, dust or fume	7429-90-5	< 10 %



MATERIAL SAFETY DATA SHEET

SECTION 4. FIRST AID MEASURES

Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.
Skin:	Rinse with running water and soap. Seek medical advice.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam, powder Use media appropriate for surrounding material.
Improper extinguishing agent:	None known
Decomposition products in case of fire:	Oxides of carbon, oxides of nitrogen, irritating organic vapors. Sulphur oxides
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Avoid skin and eye contact. See advice in chapter 8
Environmental precautions:	Do not let product enter drains.
Clean-up methods:	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Use only in well-ventilated areas. Avoid skin and eye contact. Wear suitable protective clothing, gloves and eye/face protection. See advice in chapter 8
Conditions for safe storage:	Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.



MATERIAL SAFETY DATA SHEET

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
OIL MIST, REFINED MINERAL 64742-52-5	Mist.		5	-	-	-
OIL MIST, REFINED MINERAL 64742-53-6	Mist.		5	-	-	-
GRAPHITE, NATURAL AND SYNTHETIC (ALL FORMS EXCEPT FIBRES) (RESPIRABLE DUST) 7782-42-5	Respirable dust.		3	-	-	-
CALCIUM OXIDE 1305-78-8			2	-	-	-
ALUMINIUM (METAL DUST) 7429-90-5	Dust.		10	-	-	-
	Welding fume.		5	-	-	-
	Pyrophoric powder.		5	-	-	-

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

Eye protection: Wear protective glasses.

Skin protection: Wear suitable protective clothing.
Nitrile rubber gloves should be worn.

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: silver
solid
Odor: Mild
Density: 1.10 g/cm³
Solubility: Solvent: Water, Insoluble
VOC content: 12.69 %

SECTION 10. STABILITY AND REACTIVITY



MATERIAL SAFETY DATA SHEET

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	Avoid excessive heat and ignition sources.
Incompatible materials:	Reaction with strong acids. Reacts with strong oxidants.
Hazardous decomposition products:	Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.
Skin:	May cause mild skin irritation.
Eyes:	Contact with eyes can cause eye irritation.
Inhalation:	Not a hazard under normal conditions of use. May cause respiratory tract irritation.

Toxicity data:
No data available.

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.
May cause long-term adverse effects in the aquatic environment.

SECTION 13. DISPOSAL CONSIDERATIONS

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

General information:
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.



MATERIAL SAFETY DATA SHEET

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule:	None
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 Scheduling of Drugs and Poisons STEL - Short term exposure limit TWA - Time weighted average
Reason of change:	Reviewed MSDS. Reissued with new date. involved chapters: 1 - 16
Date of previous issue:	12.11.2008
Disclaimer:	<p>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. 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>