



# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** LOCTITE HEAVY DUTY ANTI-SEIZE LUBRICANT  
**Proper Shipping Name:** None allocated  
**Product code:** 209758  
**Part Number(s):** 51606 (510g)  
**Use:** Anti-seize compound  
**Supplier:** HENKEL AUSTRALIA PTY. LIMITED ABN 82 001 302 996  
ADHESIVE TECHNOLOGIES  
135-141 Canterbury Road, Kilsyth, Victoria, 3137. Tel: (03) 9724 6444  
24 HOUR EMERGENCY CONTACT NUMBER Tel: (03) 9724 6556

## SECTION 2. HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE:**  
Not hazardous according to the criteria of ASCC.

**Safety phrase(s):**  
S24/25 Avoid contact with skin and eyes.

**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).

**SUSDP POISON SCHEDULE:** None allocated

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Base oil		30- 60%
Calcium fluoride		10- <30%
Graphite	[7782-42-5]	10-30%
Calcium distearate		<10%
Distillates (petroleum), heavy naphthenic <3% DMSO		<10%
Material oil, light naphthenic <3% DMSO		<10%
Calcium dodecylbenzene sulphonate		<5%

## SECTION 4. FIRST AID MEASURES

**Ingestion:** If swallowed, **do not induce** vomiting. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).

**Skin:** Remove contaminated clothing and wash affected areas with plenty of soap and water. If irritation occurs, seek medical attention.

**Eyes:** Hold eyes open and flush with water for at least 15 minutes. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).

**Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

**Advice to doctor:** Treat symptomatically.



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**First Aid facilities:** Eye wash and normal washroom facilities

### SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide, foam, dry chemical.

**Hazards from combustion products:** Combustible paste. In a fire, it will emit oxides of carbon and irritating fumes.

**Precautions for fire fighters and special protective equipment:** If there is a risk of exposure to products of combustion, then fire-fighters should wear full protective clothing and self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear impervious gloves, chemical goggles and waterproof boots. Contain and collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Use a non-flammable solvent or detergent and excess water to clean up areas in contact with spilled material. Do not contaminate watercourse. Dispose of residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

### SECTION 7. HANDLING AND STORAGE

**Safe Handling:** Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Wear neoprene gloves and safety goggles.

**Storage:** Store indoors at ambient temperatures. Keep containers sealed when not in use. Protect from physical damage.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National exposure standards:** None established.

**Engineering controls:** If processing vapours or dusts are produced, use a local mechanical exhaust system.

**Personal protective equipment:** Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, safety footwear, neoprene gloves and chemical splash goggles. Use in a well ventilated area. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical data:**

Appearance:	Grey paste
Specific gravity:	1.18
Solubility:	Insoluble in water
Flash point:	>100°C

### SECTION 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** None if used for intended purpose.

**Incompatible materials:** Keep away from strong oxidising agents.

**Hazardous decomposition products:** When heated to decomposition, it will emit oxides of carbon and irritating fumes.

**Hazardous reactions:** No polymerisation will occur.



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### SECTION 11. TOXICOLOGICAL INFORMATION

#### HEALTH EFFECTS:

##### Acute:

Ingestion: If swallowed, this product will cause irritation to the mouth, throat and digestive tract.

Skin: Contact with the skin may cause mild irritation.

Eyes: Contact with the eyes can cause mild irritation.

Inhalation: Inhalation of vapour from the heated product may cause irritation to the nose and throat.

##### Chronic:

Repeated skin contact may lead to skin dryness. Repeated inhalation of graphite dusts may cause pulmonary disease. Exposure to free graphite dust is not anticipated during normal use of this product. However, grinding or machining of coated parts may release dust/fumes. Under such circumstances wear an approved respirator.

**Toxicity information:** None available.

### SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate waterways and soil.

### SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of this material should be undertaken by a registered chemical disposal company. Empty containers should be cleaned by a registered contractor and then recycled or disposed of at an approved land waste site.

### SECTION 14. TRANSPORT 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 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: None allocated

### SECTION 16. OTHER INFORMATION

#### Abbreviations/acronyms:

ASCC - Australian Safety and Compensation Council

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

TWA – Time weighted average

#### 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.

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