



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: Zinc Anti-Seize

Product-Code: 233507

Supplier:

HENKEL AUSTRALIA PTY. LIMITED
ADHESIVE TECHNOLOGIES
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:

Not hazardous according to the criteria of ASCC.

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:

None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description:

in a mixture of hydrocarbons

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Zinc	7440-66-6	30 - <= 60 %
Lead	7439-92-1	<= 0.2 %

SECTION 4. FIRST AID MEASURES

Ingestion:

Get medical attention.
Do not induce vomiting.
Never give anything by mouth to an unconscious person.

Skin:

If high pressure forces the product under the skin get immediate medical attention.
Wash with soap and water.
If symptoms develop and persist, get medical attention.
If hot material contacts the skin, immediately cool before attempting removal.

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes.
Get medical attention.



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Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Medical attention and special treatment: Treat symptomatically.

First Aid facilities: Eye wash
Normal washroom facilities

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Decomposition products in case of fire: Acrid smoke and fumes.
Oxides of carbon.

Special protective equipment for fire-fighters: Water spray may be ineffective.
Oil will float on water and can spread fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent further leakage or spillage if safe to do so.
Do not allow product to enter sewer or waterways.

Clean-up methods: Scrape up as much material as possible. Clean residue with soap and water.
Contaminated surfaces will be extremely slippery.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Keep container closed.
Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.

Conditions for safe storage: Store in sealed original container.

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)
LEAD, INORGANIC DUSTS & FUMES (AS PB) 7439-92-1	Dust and fume.		0.15	-	-	-

Engineering controls: Not normally needed.
Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Eye protection: Goggles.
Safety glasses with side-shields.



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Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

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:	Paste
Specific gravity:	1.3056
Flash point:	160 °C (320 °F)
Solubility:	Solvent: Water, Negligible

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid:	None known
Incompatible materials:	Oxidizing agents. Strong acids and strong bases.
Hazardous decomposition products:	Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion:	Not expected under normal conditions of use.
Skin:	Prolonged or repeated contact may cause irritation.
Eyes:	Can cause mechanical irritation if dusts are generated.
Inhalation:	Inhalation of vapors from heated material may cause irritation. Inhalation of high levels of zinc compounds may cause tightness of chest, metallic taste, cough, dizziness, fever, chills, headache, nausea, and dry throat.

Toxicity data:		
Acute oral toxicity:	zinc powder - zinc dust (pyrophoric) 7440-66-6	LD 50 (Rat) = 630 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL CONSIDERATIONS

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



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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

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, ADNMR, IMDG, IATA-DGR.

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: 2-16

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. 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.