

GEMCUTS PTY LTD

Date of Issue 25-11-2019

**SAFETY DATA SHEET
ZIP BUFFING COMPOUND**

IMPORTANT NOTICE: This Safety Data Sheet (SDS) is issued by Gemcuts Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. Gemcuts Pty Ltd will issue a new SDS when there is a change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/ regulations. Gemcuts Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person or organisation.

CLASSIFICATION OF MATERIAL

This material is Not hazardous according to health criteria of Worksafe Australia

1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

Product	Zip Buffing Compound
Recommended Use	Metal Polishing
Supplier/Importer	Gemcuts Pty Ltd
ABN	43 780 687 841
Manufacturer	Euro Tool Inc.
Address	36A Smith Drive, West Ballina NSW 2478
Telephone Number	02 66911686
Facsimile	N/A
Email	admin@gemcuts.com.au
Emergency Telephone	131126 Poisons Information Centre 0427012014

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2. HAZARDS IDENTIFICATION

2.1 Hazards Classification:

N/A

2.2 Hazard Category:

Non-Hazardous substance. Non-Dangerous Goods

2.3 Hazard Phrase(s):

N/A

2.4 Precautionary Phrase(s):

P260: Do not breathe dust

Emergency Overview: Dust generated in use may cause temporary irritation to skin, eyes, nose and respiratory tract. Exposure should be minimised.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Product Description:** White Paste

3.2 **Contents**

Chemical Name	CAS Number	Proportion %
Aluminium Oxide	1344-28-1	20-50%

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre,

Phone (Australia) 131 126

Inhalation: Give clean air to breathe.

Skin Contact: Wash with plenty of water

Eye Contact: Wash with plenty of water

Ingestion: Nothing expected, if symptoms occur seek medical assistance

Seek medical assistance if any symptoms or irritation persists

Notes to physician: Treat symptomatically. Can be acute and delayed. Most symptom will be a slight eye, skin and respiratory irritation.

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5. FIRE FIGHTING MEASURES

- 5.1 Explosion Hazard: None
- 5.2 Fire Fighting Advice: Fire fighters should use self-contained breathing apparatus and full protective clothing. Can produce oxides of carbon and fumes which can be an irritant.
- 5.3 Suitable Extinguishing Media: Dry chemical, foam, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Emergency Action:

- Ensure ventilation is adequate. Wear personal protective equipment (Section 8) to minimise contact. Remove all personnel not involved in the clean-up.
- Avoid release into the environment and report spills and releases to the local authority.
- Collect spill in a suitable container for recovery or disposal.

7. HANDLING & STORAGE

- 7.1 **Handling Advice:** Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good industrial hygiene practices. Wear appropriate PPE to minimise contact.
- 7.2 **Storage Advice:** Store at room temperature away from incompatible materials.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits:

Aluminium Oxide 1344-28-1 TWA 10mg/m³

8.2 Engineering Control Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in dusts.

8.3 Personal Protective Equipment:

CHEMICAL GOGGLES, GLOVES, APPROVED RESPIRATOR.

Wear chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Use of gloves to minimise contact is always a good idea. Hand protection should comply with AS 2161. Always wash hands before smoking, eating, drinking or using the toilet, Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Paste
Colour:	White
Odour:	None
Size (millimetres)	123mm x 53mm
Weight (grams)	454g
Solubility:	No Data
Density	1.37
Flash Point (°C):	218°C

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10. STABILITY & REACTIVITY

Chemical Stability: Stable under normal storage and use

Conditions to Avoid: Extreme Temperatures

Hazardous Reactions: None known

Incompatible Materials: Strong Oxidising Agents and Bases. Chlorine trifluoride, ethylene oxide, halogenated hydrocarbon, oxygen difluoride, sodium nitrate, vinyl compounds, chlorine and oxidisers.

Hazardous decomposition: Thermal decomposition or combustion may produce oxides of carbon and irritation fumes.

11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: Not expected to be harmful. Ingestion of large amounts may cause gastrointestinal distress

Eye Contact: Slight Irritation

Skin Contact: Not expected

Inhalation: The mist or vapours may cause a slight nose and throat irritation

Long Term Effects: Not a known carcinogen or reproductive toxic product

Acute Toxicity:

Aluminium Oxide Oral Rat LD50 > 15900mg/m³ Inhalation Rat LC 50 7.6mg/L/Hr

Triethanolamine Oral Rat LD50 > 6400mg/m³ Dermal Rabbit LD50 2000mg/m³

12. ECOLOGICAL INFORMATION

Aluminium Oxide: *Lepomis cyanellus* NOEC > 50mg/L/96Hr

Triethanolamine: *Pimephales promelas* LC50 11800mg/L/96Hr

Biodegradability: Triethanolamine 100% in 24hrs

Bioaccumulate potential: Triethanolamine BCF<3.9

Mobility in soil: No Data

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13 DISPOSAL CONSIDERATIONS

Not classified as hazardous. Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal.

14. TRANSPORT INFORMATION

Not Regulated

14.1 **Road and Rail Transport:** Not Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

14.2 **Marine Transport:** Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

14.3 **Air Transport:** Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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15. REGULATORY INFORMATION

Work Health and Safety Regulation 2017 Chapter 3 Part 3.2 Division 7

Managing risks from airborne contaminants

AS/NZS 1715 and AS/NZS 1716

AS 2161

Safework Australia

GHS

IMDG

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16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Gemcuts Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact Gemcuts Pty Ltd at the contact details on page 1.

Gemcuts Pty Ltd responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.