

GEMCUTS PTY LTD

Date of Issue 15-01-2019

MATERIAL SAFETY DATA SHEET TRIPOLI COMPOUND

CLASSIFICATION OF MATERIAL

This material is hazardous according to health criteria of Worksafe Australia

1. IDENTIFICATION OF THE MATERIAL & SUPPLIER

Product	Brown Tripoli
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	0427012014

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2. HAZARDS IDENTIFICATION

WARNING: Prolonged exposure may cause cancer. Dust may temporarily irritate eyes, skin and respiratory system.

2.1 Hazards Classification:

NFPA HAZARD RATING	Fire:(5, minimal)	Health:(4, slight)	Reactivity: (5, minimal)
GHS HAZARDS	Fire:(5, minimal)	Health:(4, slight)	Reactivity: (5, minimal)

2.2 Hazard Category: Hazardous substance. Non-Dangerous Goods

2.3 Risk Phrase(s):

H316, H320: Dust produced in use may cause mild irritation of skin, eyes, and respiratory tract

H351: Prolonged or repeated exposure is suspected of causing lung cancer.

H373: May cause damage to organs through prolonged or repeated exposure.

2.4 Safety Phrase(s):

P102: Keep out of the reach of children.

P261: Avoid breathing dust, may cause respiratory tract irritation.

P264: Wash thoroughly after handling. Avoid skin irritation by wearing protective gloves. If needed wear eye protection and dust mask.

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: Brown bar, consisting of tripoli clay particles suspended in stern, waxes and fats.

3.2 Contents

Chemical Name	CAS Number	Proportion %
SiO ₂	1317-95-9	60-80%
Tallow Derivatives	Proprietary	10-20%
Petroleum Products	Proprietary	10-20%

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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: May cause diarrhoea

Seek immediate medical assistance

Notes to physician: Treat symptomatically

5. FIRE FIGHTING MEASURES

5.1 No fire, no explosion hazard, non flammable.

5.2 Fire Fighting Advice: N/A

5.3 Suitable Extinguishing Media: N/A

6. ACCIDENTAL RELEASE MEASURES

Emergency Action: If material cannot be recovered, transfer to waste container and dispose in local landfill in compliance with Local, State and Commonwealth regulations

7. HANDLING & STORAGE

7.1 **Handling Advice:** No restrictions

7.2 **Storage Advice:** No restrictions

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational Exposure Limits: NH&MRC TLV for respirable dust: 0.2mg/m³

8.2 Engineering Control Measures: Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in dusts. Use with local exhaust ventilation and while wearing a dust mask.

8.3 Personal Protective Equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, DUST MASK.

Wear overalls, 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. 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:	Solid bar
Colour:	Reddish Brown
Odour:	Mild
Solubility:	Insoluble
Density	Approximately 2.0g/cm ³
Flash Point (°C):	N/A

10. STABILITY & REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Strong Oxidising Agents

Hazardous Reactions: Will not occur

Incompatible Materials: Strong Oxidising Agents

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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: Diarrhoea

Eye Contact: Irritation

Skin Contact: None

Inhalation: Silicosis

Long Term Effects: This product contains crystalline silica (quartz and tripoli), Excessive inhalation of respirable dust may result in respiratory disease, including silicosis, pneumoconiosis, and pulmonary fibrosis. The International Agency for Research on Cancer (IARC) has determined that inhaled crystalline silica (quartz, tripoli) is carcinogenic to humans, IARC Monographs 68 – Silica, Some Silicates, and Organic Fibres, June 1997. The US National Toxicology Program (NTP) classifies crystalline silica as “known to be a human carcinogen”, (9th Report on Carcinogens (2000)). Inhalation of crystalline silica is unlikely to occur from exposure to this product.

12. ECOLOGICAL INFORMATION

All ingredients are inert in the environment, or biodegrade to non-hazardous compounds.

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

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.

14.4 **Proper Shipping Name:** Brown Tripoli

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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

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.