

**GEMCUTS PTY LTD**

Date of Issue 6-11-2019

**SAFETY DATA SHEET  
JEWELRY SHIELD**

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 hazardous according to health criteria of Worksafe Australia**

**1. IDENTIFICATION OF THE MATERIAL & SUPPLIER**

<b>Product</b>	Jewelry Shield
<b>Recommended Use</b>	Skin Protection From Metals
<b>Supplier/Importer</b>	Gemcuts Pty Ltd
<b>ABN</b>	43 780 687 841
<b>Manufacturer</b>	Euro Tool Inc.
<b>Address</b>	36A Smith Drive, West Ballina NSW 2478
<b>Telephone Number</b>	02 66911686
<b>Facsimile</b>	N/A
<b>Email</b>	admin@gemcuts.com.au
<b>Emergency Telephone</b>	131126 Poisons Information Centre 0427012014

## SAFETY DATA SHEET

### 2. HAZARDS IDENTIFICATION

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

#### 2.1 Hazards Classification:

Flammable Liquid: Cat 2  
 Skin Irritant: Cat 2  
 Eye Irritant: Cat 2A  
 Carcinogenicity: 2  
 STOT SE: Cat 3  
 STOT RE: Cat 2

<b>NFPA HAZARD RATING</b>	Fire: 4	Health: 2	Reactivity: 0
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**2.2 Hazard Category:** Hazardous substance. Non-Dangerous Goods

#### 2.3 Risk Phrase(s):

**H225:** Highly flammable liquid and vapour  
**H315:** Causes skin irritation  
**H319:** Causes serious eye irritation  
**H336:** May cause drowsiness or dizziness  
**H351:** Suspected of causing cancer  
**H373:** May cause damage to organs through prolonged or repeated exposure

#### 2.4 Safety Phrase(s):

**P201:** Obtain special instructions before use.  
**P202:** Do not handle until all safety precautions have been read and understood.  
**P210:** Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.  
**P233:** Keep container tightly closed.  
**P240:** Ground/bond container and receiving equipment.  
**P241:** Use explosion-proof [electrical/ventilating/lighting/ventilating equipment.  
**P242:** Use only non-sparking tools.  
**P243:** Take precautionary measures against static discharge.  
**P260:** Do not breathe dust/fume/gas/mist/vapours/spray.  
**P261:** Avoid breathing dust/fume/gas/mist/vapours/spray.  
**P264:** Wash ... thoroughly after handling.  
**P271:** Use only outdoors or in a well-ventilated area.

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**Continued...**

**P280:** Wear protective gloves/protective clothing/eye protection/face protection.

**P302+P352:** IF ON SKIN: wash with plenty of water.

**P303+P361+P353:** IF ON SKIN (or hair): Take off Immediately all contaminated clothing.  
Rinse SKIN with water [or shower].

**P304+P340:** IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**P305+P351+P338:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

**P308+P313:** IF exposed or concerned: Get medical advice/attention.

**P312:** Call a POISON CENTER or doctor if you feel unwell.

**P314:** Get medical advice/attention if you feel unwell.

**P321:** Specific treatment (see first aid instructions on this label).

**P332+P313:** IF SKIN irritation occurs: Get medical advice/attention.

**P337+P313:** IF eye irritation persists: Get medical advice/attention.

**P362:** Take off contaminated clothing and wash before reuse

**P370+P378:** In case of fire: Use carbon dioxide (CO<sub>2</sub>), dry extinguishing powder, foam to extinguish

**P403+P233:** Store in a well-ventilated place. Keep container tightly closed

**P403+P235:** Store in a well-ventilated place. Keep cool

**P405:** Store locked up

**P501:** Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Product Description:** Clear Liquid. Solvent odour

**3.2 Contents**

Chemical Name	CAS Number	Proportion %
Methyl Ethyl Ketone	78-93-3	30-60%
Xylenes	1330-20-7	15-40%
Ethylbenzene	100-41-4	7-13%

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### 4. FIRST AID MEASURES

**For advice, contact a Poisons Information Centre,**

**Phone (Australia) 131 126**

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

**Skin Contact:** : Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

**Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

**Ingestion:** Rinse mouth thoroughly. Do not induce vomiting without advice from poison control centre or medical professional. Get medical attention if you feel unwell.

**If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.**

**Important symptoms and side effects:**

**Symptoms/injuries:** May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

**Symptoms/injuries after inhalation:** May cause drowsiness or dizziness.

**Symptoms/injuries after skin contact:** Causes skin irritation.

**Symptoms/injuries after eye contact:** Causes serious eye irritation.

**Symptoms/injuries after ingestion:** May cause gastrointestinal irritation.

**Chronic symptoms:** Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

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### 5. FIRE FIGHTING MEASURES

- 5.1** Explosion Hazard: Product is not explosive. Highly flammable liquid vapour.
- 5.2** Fire Fighting Advice: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion. Always use a self-regulated air supply.
- 5.3** Suitable Extinguishing Media: Carbon dioxide. Foam. Dry powder.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Action:** Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear. Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Sweep or shovel spills into appropriate container for disposal.

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations. Wash spill area thoroughly with plenty of soap and water.

### 7. HANDLING & STORAGE

**7.1 Handling Advice:** Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not breathe vapours. Keep away from sources of ignition - No smoking.

**7.2 Storage Advice:** Store in dry, well-ventilated area. Keep container closed when not in use. Avoid freezing and above 50°C.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Occupational Exposure Limits:

Methyl ethyl ketone 78-93-3 TWA 445mg/m<sup>3</sup> STEL 890mg/m<sup>3</sup>

Xylene 1330-20-7 TWA 350mg/m<sup>3</sup> STEL 655mg/m<sup>3</sup>

Ethylbenzene 100-41-4 TWA 434mg/m<sup>3</sup> STEL 543mg/m<sup>3</sup>

**8.2 Engineering Control Measures:** Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

#### 8.3 Personal Protective Equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, APPROVED AIR RESPIRATOR MASK.

Wear long sleeve overalls, chemical goggles and impervious gloves. Avoid inhaling fumes. If fumes exist, wear 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:	Liquid
Colour:	Clear
Odour:	Solvent
Size (millimetres)	80mm x 45mm
Weight (grams)	100g
Solubility:	Insoluble
Density	0.86
Flash Point (°C):	-5°C
Boiling Point (°C)	79.4°C
Vapour Density	Heavier than air

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### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable under normal use conditions.

**Conditions to Avoid:** No flames, no sparks. Eliminate all sources of ignition

**Hazardous Reactions:** None under normal conditions.

**Incompatible Materials:** Oxidizing agents. Strong acids. Strong bases. Selected amines. Halogens. Alkali metals.

**Hazardous Decomposition products:** Carbon oxides (CO, CO<sub>2</sub>). Hydrogen Chloride. Organic hydrocarbons.

### 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:

LD50 oral (rat) 3500mg/kg

Ethylbenzene (100-41-4)

LD50 oral rat 3500 mg/kg

LD50 dermal rabbit 15400 mg/kg

LC50 inhalation rat (mg/l) 17.2 mg/l/4h

ATE CLP (gases) 4500.000 ppmv/4h

ATE CLP (vapours) 11.000 mg/l/4h

ATE CLP (dust, mist) 1.500 mg/l/4h

Xylenes (o-, m-, p-isomers) (1330-20-7)

LD50 oral rat 3500 mg/kg

ATE CLP (dermal) 1100.000 mg/kg bodyweight

ATE CLP (gases) 4500.000 ppmv/4h

ATE CLP (vapours) 11.000 mg/l/4h

ATE CLP (dust, mist) 1.500 mg/l/4h

**Ingestion:** May cause gastrointestinal irritation

**Eye Contact:** Causes serious eye irritation.

**Skin Contact:** Causes skin irritation

**Inhalation:** May cause drowsiness or dizziness.

**Long Term Effects:** Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

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### 12. ECOLOGICAL INFORMATION

No Data.

### 13 DISPOSAL CONSIDERATIONS

Commonwealth, State and Local laws governing disposal of material can differ. Ensure proper disposal compliance with the proper authority before disposal. Avoid release into waterways.

### 14. TRANSPORT INFORMATION

UN 1139

**Proper Shipping name:** Coating Solution (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining),

**Class or Division:** III flammable liquid

**Packing Group:** II

### 15. REGULATORY INFORMATION

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

Managing risks from airborne contaminants

NTC

Safework Australia

ADG

GHS

### 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.