



## SAFETY DATA SHEET

### Section 1 : IDENTIFICATION OF THE HAZARDOUS CHEMICAL AND OF THE SUPPLIER

#### 1.1 Product Detail

Product / Trade Name : MICI Eco Gloss

#### 1.2 Recommended Use Of The Chemical And Restrictions On Use

Product Use : Recommended for protection and decoration of wood and metal surfaces.

#### 1.3 Supplier Details

Manufacturer Name : CIZEN SDN BHD  
247-A-C, Block A, Jalan Sungai Nibong,  
11900 Bayan Lepas, Penang, Malaysia.

Telephone Number : +604-6442229

Emergency Telephone No. : +604-6442229

### Section 2 : HAZARD IDENTIFICATION

#### 2.1 Classification Of the Hazardous Chemical

GHS Classification : Flammable liquids Category 3  
: Skin corrosion or irritation Category 2  
: Serious eye damage or eye irritation Category 2  
: Aspiration Hazard Category 1  
: Hazardous to the aquatic environment - chronic hazard Category 2

#### 2.2 Label Elements

GHS Pictogram :    

Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapour  
: H315+H319 Cause skin and eye irritation  
: H304 May be fatal if swallowed and enters airways  
: H335 May cause respiratory irritation  
: H411 Toxic to aquatic life with long lasting effects

#### Precautionary Statements

Prevention : P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking  
: P233 Keep container tightly closed  
: P240 Ground/bond container and receiving equipment  
: P241 Use explosion-proof electrical/ventilating/lighting equipment



- : P242 Use only non-sparking tools
- : P243 Take precautionary measures against static discharge
- : P261 Avoid breathing dust, fume, gas, mist, vapors and spray
- : P264 Wash Hand thoroughly after handling
- : P271 Use only outdoor or in a well ventilated area
- : P273 Avoid release to the environment
- : P280 Wear protective gloves/protective clothing/eye protection/face protection

**Response**

- : P302+P352 IF ON SKIN: Wash with plenty of soap and water
- : P303+P361+P353 IF ON SKIN(or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower
- : P370+P378 In case of fire: Use dry powder extinguisher for fire extinction
- : P321 Specific treatment (refer Section 4 of SDS)
- : P332 + P313 If skin irritation occurs: Get medical advice/attention
- : P362 Take off contaminated clothing and wash before reuse
- : P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minute. Remove contact lenses, if present and easy to do. Continue rinsing
- : P337 + P313 If eye irritation persist: Get medical advice/attention
- : P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- : P331 Do NOT induce vomiting.
- : P391 Collect spillage.

**Storage**

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

**Disposal**

- : P501 Dispose of contents/container in accordance with all local, regional, national and international regulations.

**Section 3 : COMPOSITION AND INFORMATION OF THE INGREDIENTS OF HAZARDOUS CHEMICAL**

<b>Ingredients</b>	<b>CAS Number</b>	<b>%</b>
Titanium Dioxide	13463-67-7	10 to <30
White Spirit	8052-41-3	10 to <30
Linoleic Acid	60-33-33	30 to 60
1,2,4-trimethyl benzene	95-63-6	1 to <3

**Section 4 : FIRST-AID MEASURES****Eye Contact**

- : Immediately flush eyes with large amounts of water for several minutes or until irritation subsides. Obtain medical attention if necessary.

**Skin Contact**

- : In case of contact, wash skin with water and soap. If irritation persists, get medical attention.

**Inhalation**

- : Remove to fresh air immediately. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Keep at rest. Obtain medical attention if necessary.

**Ingestion**

- : DO NOT induce vomiting unless directed to do so by a medical personnel.



Never give anything by mouth to an unconscious person. Keep at rest. Get medical attention if necessary.

**Section 5 : FIRE-FIGHTING MEASURES**

- Extinguishing media** : Carbon dioxide, foam or powders type recommended.
- Specific Hazards Arising From The Chemical** : Combustion products may include Carbon monoxide and Carbon dioxide.
- Special Protective Actions For Fire-Fighters** : Cool closed containers exposed to fire with water. No action shall be taken involving any personal risk or without suitable training.
- Special Protective Equipment For Fire-Fighters** : Appropriate breathing apparatus may be required.

**Section 6 : ACCIDENTAL RELEASE MEASURES**

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures**

- For Non-Emergency Personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Avoid breathing vapour or mist.
- For Emergency Responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**6.2 Environmental Precautions**

- Precautions** : Do not allow to enter drains , waterways, sewers. If product caused environmental pollution, inform appropriate authorities in accordance with local regulations.

**6.3 Methods And Material For Containment And Cleaning Up**

- Containment & Clean Up** : Contain and collect spillage with absorbent material and place in container for disposal according to local/national regulations.

**Section 7 : HANDLING AND STORAGE**

**7.1 Precautions For Safe Handling**

- Safe Handling** : Put on appropriate personal protective equipment (see Section 8).  
: Do not get in eyes or on skin or clothing.  
: Handle containers with care. Open slowly in order to control possible pressure release.  
: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.



**7.2 Condition For Safe Storage, Including any Incompatibilities**

Safe Storage : Store in cool, dry and well-ventilated place at temperature between 20 degree C to 40 degree C away from heat and sources of ignition.  
: Keep container tightly closed and sealed until ready for use.  
: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10), food and drink.

**Section 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**8.1 Control Parameters**

Occupational Exposure Limits :

Ingredients	ACGIH TLV-TWA (mg/m3)	OSHA PEL-TWA (mg/m3)
Titanium Dioxide	10	10
White Spirit	188	-

**8.2 Appropriate Engineering Controls**

Controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.  
: Ensure eyewash stations and safety showers are close to the workstation location.

**8.3 Individual Protection Measures**

Eye Protection : Use approved safety glasses or goggles with side shields is recommended.  
Skin / Body protection : Wear chemical resistant clothes and safety shoes when handling product.  
Respiratory protection : Wear appropriate respirators when ventilation is inadequate.  
Hand Protection : Use of chemical resistant type of protective gloves is recommended.

**Section 9 : PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Liquid  
Odour : Paint Odour  
Odour Threshold : Not Available  
pH : Not Available  
Melting Point/Freezing Point : Not Available  
Initial Boiling Point & Range : 145°C - 200°C (White Spirit)  
Flash Point : 31°C - 33°C (White Spirit)  
Evaporation Rate : Not Available  
Flammability (Solid, Gas) : Not Applicable  
Upper Flammability/Explosive Limits : Not Available  
Lower Flammability/Explosive Limits : Not Available



Vapour Pressure : Not Available  
Vapour Density : Not Available  
Relative Density : Not Available  
Solubility : Soluble In Mineral Spirit  
Partition Coefficient: n-octanol/water : Not Available  
Auto-Ignition Temperature : 250°C (White Spirit)  
Decomposition Temperature : Not Available  
Viscosity : 50 - 90 KU

**Section 10 : STABILITY AND REACTIVITY**

**Reactivity** : No specific test data related to reactivity available for this product.  
**Chemical Stability** : The product is stable.  
**Possibility Of Hazardous Reaction** : Under normal conditions of storage and use, hazardous reactions will not occur.  
**Condition To Avoid** : No specific data.  
**Incompatible Materials** : No specific data.  
**Hazardous Decomposition Products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Section 11 : TOXICOLOGICAL INFORMATION**

There is no data available on the product itself  
Toxicological information on the ingredients:

**11.1 Acute Toxicity**

Ingredient Name	Endpoint	Species	Result
Titanium Dioxide	LD50 Oral	Rat	>10000 mg/kg
White Spirit	LD50 Oral	Rat	>5000 mg/kg

**11.2 Skin Corrosion or Irritation**

Cause skin irritate. Prolonged contact may dry the skin leading to discomfort and dermatitis

**11.3 Serious Eye Damage or Eye Irritation**

May cause eye irritation.

**11.4 Respiratory Sensitization**

No data available

**11.5 Skin Sensitization**

No data available

**11.6 Germ Cell Mutagenicity**

No data available

**11.7 Reproductive Toxicity**



No data available

### 11.8 STOT - Single Exposure & Repeat Exposure

No data available

### 11.9 Aspiration Hazard

No data available

## Section 12 : ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

No data available

### 12.2 Persistence and Degradability

No data available

### 12.3 Bioaccumulative Potential

No data available

### 12.4 Mobility in Soil

No data available

### 12.5 Other Adverse Effects

There is no ecotoxicological test data available on the product itself.

The product should not be allowed to enter drains or water courses.

## Section 13 : DISPOSAL CONSIDERATIONS

### 13.1 Disposal Methods

The product should not be allowed to enter drains and watercourses.

Wastes and empty containers should be treated and disposed of in accordance with national and local regulations. To ensure compliance, consult national and local authorities.

## Section 14 : TRANSPORTATION INFORMATION

Transport to be in accordance with ADR/RID for road, IMDG for sea and IATA for Air.

### LAND TRANSPORT

Classified as Dangerous Goods

UN No : 1263

Dangerous Goods Class : 3 Flammable Liquid

Packing Group : III

Shipping Name : Paint

### SEA TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea

UN No : 1263



Dangerous Goods Class : 3 Flammable Liquid

Packing Group : III

Shipping Name : Paint

## AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air

UN No : 1263

Dangerous Goods Class : 3 Flammable Liquid

Packing Group : III

Shipping Name : Paint

## Section 15 : REGULATORY INFORMATION

**The product is not subject to following international agreement :**

Montreal Protocol (Ozone Depleting Substances)

Stockholm Convention (Persistent Organic Pollutants)

Rotterdam Convention (Prior Informed Consent)

## Section 16 : OTHER INFORMATION

The information in this document is given to the best of Cizen's knowledge, based on laboratory testing and practical experience. Cizen's products are considered as semi-finished goods and as such, products are often used under conditions beyond Cizen's control. Cizen cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements.

Cizen reserves the right to change the given data without further notice. Users should always consult Cizen for specific guidance on the general suitability of this product for their needs and specific application practices.