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## **GRANITE GLOSS**

### **Granite Buffing Solution**

#### **Product Description**

**GRANITE GLOSS** is a metal cross-linked polymer burnishing solution formulated specially for granite surfaces. Used with an ultra-high polishing machine, this special spray-buff cleans and produces a high gloss to finished granite. Urethane is added to provide extreme resistance to heel and scuff marks to further enhance the durability of the shine provided by **GRANITE GLOSS**.

#### **Areas of Use**

As its name implies, **GRANITE GLOSS** is specially meant for use on all finished granite surfaces such as floors, walls, counters, table and vanity tops.

#### **Special Features**

- Urethane based formula for added durability.
- Good anti-slip properties.
- Compatible for use with ultra high speed machines (1000 - 2000 rpm).
- Leaves a refreshing fragrance after use.


#### **Directions for Use**

- Clean surface with a neutral detergent such as **FOUR SEASONS**.
- For badly worn surfaces, do initial polishing with **GF CREAM** and **GF POWDER**.
- Apply undiluted with trigger sprayer over area to be restored.
- Burnish with an ultra high speed machine and light coloured / low abrasion pad until level of gloss desired is achieved.
- Use **GRANITE GLOSS** as part of a maintenance regime, for e.g., twice weekly depending on foot traffic, to maintain shine.
- Repeat process from stripping again every 3-6 months, depending on traffic wear.

#### **Precautions**

As with most chemical products, avoid ingestion and eye contact. Wash hands after used.

# SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
<b>Product Identifier:</b> GRANITE GLOSS		<b>Supplier:</b> Klenco (Singapore) Pte Ltd. <b>Address:</b> 18 Gul Crescent, Singapore 629527 <b>Department:</b> Chemical <b>Person in Charge:</b> Chemist		
<b>Other means of identification</b> Granite Buffing Solution		<b>Phone:</b> (65) 6862 3388		
<b>Date of SDS:</b> 1 January 2022		<b>Fax:</b> (65) 6861 7575		
<b>Recommended use and restriction on use:</b> As its name implies, <b>GRANITE GLOSS</b> is specially meant for use on all finished granite surfaces such as floors, walls, counters, table and vanity tops.		<b>Email:</b> info@klenco-asia.com <b>Emergency contact:</b> (65) 6862 3388 Ext 249		
SECTION 2 - HAZARDS IDENTIFICATION				
<b>GHS classification:</b> Acute toxicity: Category 4; Skin irritation: Category 2, Eye irritation: Category 2				
<b>GHS label elements:</b> Pictogram:		<b>Signal Words:</b> Warning		
				
<b>Hazard statements:</b> H315: Causes skin irritation H320: Causes eye irritation.				
<b>Precaution statements:</b> P102: Keep out of reach of children. P233: Keep container tightly closed.				
SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS				
Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Formalin	< 0.1 %	HCHO	50-00-0	200-001-8
Aqueous Ammonia	< 0.1 %	NH4OH	1336-21-6	215-647-6
Diethylene Glycol Monoethyl Ether	< 1.0 %	C6H14O3	111-90-0	230-919-7
Tributoxy Ethylene Phosphate	< 1.0 %	C18H39O7P	78-51-3	201-122-9
Dibutyl Phthalate	< 1.0 %	C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>	84-74-2	201-557-4
1,2-Benzisothiazolin-3-One	< 0.03 %	C <sub>12</sub> H <sub>8</sub> Cl <sub>2</sub> O <sub>2</sub>	3380-30-1	429-290-0
Water	> 90.0 %	H <sub>2</sub> O	7732-18-5	231-791-2
Acrylic Polymer Emulsion	< 5.0 %	Mixture	NA	NA
Polyethylene Wax Emulsion	< 1.0 %	Mixture	NA	NA
Polypropylene Wax Emulsion	< 1.0 %	Mixture	NA	NA
Silicone Oil Emulsion	< 0.01 %	Mixture	NA	NA
SECTION 4 – FIRST AID MEASURES				
<b>Inhalation:</b> Move to area of fresh air. If breathing has stopped, artificial respiration should be started. Oxygen may be administered if available. Call a physician. Never give anything by mouth to an unconscious person.				
<b>Skin contact:</b> Wash with large amounts of soap and water. If irritation persists, consult a physician.				
<b>Eye contact:</b> Flush with cool water for at least 15 minutes. Then consult a physician immediately.				
<b>Ingestion:</b> Do not induce vomiting. Dilute by drinking water. Call a physician immediately.				
<b>Notes to Physicians:</b> Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.				
SECTION 5 – FIRE-FIGHTING MEASURES				
<b>Suitable fire-extinguishing media:</b> Water, dry chemical, carbon dioxide and foam.				
<b>Specific hazards arising from the chemical:</b> Burning can produce carbon dioxide, carbon monoxide and acrylic monomer.				
<b>Special protective actions for fire fighters:</b> Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.				
SECTION 6 - ACCIDENTIAL RELEASE MEASURE				
<b>Personal precautions, protective equipment, and emergency measure:</b> Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc).				
<b>Environmental precautions:</b> Chemical substance should not be released into the environment (water, soil).				
<b>Methods and materials for containment and cleaning up:</b> Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water. Cover spills with absorbent clay, sawdust or inert material and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.				
SECTION 7 - HANDLING AND STORAGE				
<b>Precaution for safe handling:</b> Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-use.				
<b>Conditions for safe storage, including any incompatibilities:</b> Store in cool, dry, well-ventilated area at room temperature. Do not re-use empty container for food, clothing or products for human or animal consumption or where skin contact can occur.				

<b>SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>	
<b>Control parameters/ Occupational exposure limits:</b>	ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.
<b>Appropriate engineering control measures:</b>	Local exhaust ventilation usually required, when vapours, mist, or dusts can be released.
<b>Personal Protection:</b>	Use the protective equipment such as protective Rubber/PVC gloves; safety glasses/ goggle.
<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Appearance &amp; Odour:</b>	Milky white emulsion with characteristic odour.
<b>Solubility in water:</b>	Complete.
<b>Boiling Point:</b>	100 °C
<b>Specific Gravity:</b>	1.000 +/- 0.005 g/cm <sup>3</sup>
<b>PH:</b>	8.5 +/- 0.5
<b>Solid Contents %:</b>	4.0 +/- 0.5
<b>Flash Point (T.C.C.):</b>	None to boiling <b>Flammable Limits - Upper:</b> Not applicable <b>Lower:</b> Not applicable
<b>Vapour Pressure:</b>	Not determined
<b>Vapour Density:</b>	Not determined
<b>SECTION 10 - STABILITY AND REACTIVITY</b>	
<b>Reactivity/ In compatible materials:</b>	Salt solutions or acids will coagulate material.
<b>Chemical stability:</b>	Stable under normal temperature and pressure.
<b>Possibility of hazardous reaction:</b>	Will not occur.
<b>Condition to avoid:</b>	Not applicable
<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>	
<b>Skin or eye irritation:</b>	This product contains trace amount of ammonia solutions. May cause transient irritation to eyes and/or skin.
<b>SECTION 12 – ECOLOGICAL INFORMATION</b>	
There is no ecological data available for this preparation.	
<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>	
<b>Disposal method:</b> Dispose off in an approved waste facility according to local regulations. It is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) Re-cycle or rework, if feasible (2) Incinerate at an authorized facility (3) Treat at an acceptable waste treatment facility.	
<b>SECTION 14 – TRANSPORT INFORMATION</b>	
This material is non-regulated and no special requirement is necessary. HS Code: 34052000	
<b>SECTION 15 – REGULATORY INFORMATION</b>	
<b>International regulation:</b> Classification: This product is not considered dangerous according to EC Classification (67/548/EEC- 88/379/EEC). Risk phrases: R35/38 Irritating to eyes and skin Safety phrases: S07 Keep container tightly closed	
<b>SECTION 16 – OTHER INFORMATION</b>	
<b>Hazard Rating: HMIS (Hazardous Materials Information System)</b> <b>HEALTH: 0</b> <b>FLAMMABILITY: 0</b> <b>REACTIVITY: 0</b> <b>0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme</b>	

**NOTICE:** SDS is correct at date of publication. It is not necessarily fully adequate for every circumstance, nor to be confused with or followed in violation of applicable laws or insurance requirements. Health hazards and effects of over-exposure apply only to negligent handling or misuse of product in its concentrated form (as supplied); and not routine exposure to diluted product under normal use. No warranty, express or implied, of merchantability, fitness or accuracy of data is made; as such the vendor assumes no responsibility for injury or damages resulting from use of this product.