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cleaner environment

KMP

KLENCO MARBLE POLISH

Product Description

KLENCO MARBLE POLISH delivers a high gloss finish to marble and similar stone surfaces. Safe and effective, this new formulation in a consistent ready-to-use damp powder is easier to use and gives better coverage, thus providing greater productivity and economy. **KMP** both conditions and polishes, removing fine scratches and providing an outstanding polish as the final step in restoring a beautiful finish to a worn floor.

Areas of Use

KMP is highly recommended for use on marble, terrazzo, limestone, travertine and other stones with high calcium content.

Special Features

- Damp powder requires no stirring before each use; providing greater ease of use, consistency and productivity.
- Does not lump up during use, providing better coverage and thus greater economy.
- Does not easily "burn" the marble if allowed to stand on stone surface.
- No special equipment required, standard weight floor machines can be used.
- No steel wool pads required, use with standard red nylon pad.
- Cost effective with excellent coverage at approx. 200 sq ft per lb or 440 sq ft per kg.

Directions for Use

KMP delivers great results using standard weight low speed single disc scrubbers such as the **Klenco Cyclone S380** (39kg/165rpm). For even better results, heavier machines such as **Cyclone S510** (57kg) or **G680** (70kg) can be used. For vertical or elevated surfaces, use a hand held wet grinder/polisher with insulation transformer.

- Area to be polished should be clean and free of any coating or sealant.

- Wet the floor with a mop and place 2 to 3 scoops of **KMP** in the centre of the area to be polished. Mount a red nylon pad on the floor machine and then lower the edge of the pad over the powder. Start the machine and work in a tight circle to develop a slurry. Once the slurry is established, work the machine from side to side in slow passes to start polishing. Do an area of approximately 1m x 1.5m at a time, first polishing horizontally, then vertically (at right angles), overlapping areas to blend.

- Squeegee slurry off an area to check on result. Continue polishing if not satisfactory, adding water if slurry is too dry and more **KMP** if slurry becomes too light and diluted.

- When desired result is achieved, squeegee the slurry to the next area to be treated. Clean up polished area with a wet/dry vacuum and rinse with clean water. Mop or vacuum, and repeat rinsing until surface and recessed grout lines is completely clean.

Note: If surface is heavily scratched, it may be necessary to perform grinding with diamond pads prior to polishing with **KMP**.

Precautions

This product is acidic. Avoid ingestion, inhalation, eye and skin contact. Wear rubber/PVC gloves, protective clothing and provide adequate ventilation when handling. Flush or dilute with cold water if contacted in any way, and seek medical help if ingested, inhaled or contacted with eye.


KLENCO (SINGAPORE) PTE LTD

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SKC2521#

KLENCO products are used in over 20 countries across Asia, the Middle East, Europe and Africa

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: KMP		Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist		
Other means of identification: KLENCO MARBLE POLISH		Phone: (65) 6862 3388 Fax: (65) 6861 7575 Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
Date of SDS: 4 May 2023				
Recommended use and restriction on use: KMP is highly recommended for use on marble, terrazzo, limestone, travertine and other stones with high calcium content.				
SECTION 2 - HAZARDS IDENTIFICATION				
GHS classification: Acute toxicity: Category 4 Skin corrosion: Category 1, Eye damage: Category 1				
GHS label elements: Pictogram:		Signal Words: Danger		
				
Hazard statements:		H302: Harmful if swallowed H314: Causes skin burns and eye damage		
Precaution statements:		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.
Potassium Hydrogen Oxalate	60.0 – 100.0 %	C ₂ HKO ₄	127-95-7	204-873-0
Aluminum Oxide	10.0 – 30.0 %	Al ₂ O ₃	1344-28-1	215-691-6
Fatty Acids, Vegetable Oil. Compounds with Ethanolamine	5.0-10.0%	-	68783-56-2	272-199-4
Dipropylene Glycol Methyl Ether	1.0-5.0 %	C ₇ H ₁₆ O ₃	34590-94-8	252-104-2
SECTION 4 – FIRST AID MEASURES				
Inhalation:	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.			
Skin contact:	Wash with large amounts of soap and water. If irritation persists, consult a physician.			
Eye contact:	Flush with cool water for at least 15 minutes. Then consult a physician immediately.			
Ingestion:	Rinse mouth with water. DO not induce vomiting. Drink large amounts of water or milk. Call a Physician immediately.			
Notes to Physicians:	Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.			
SECTION 5 – FIRE-FIGHTING MEASURES				
Suitable fire-extinguishing media:	Any means suitable to surrounding fire.			
Specific hazards arising from the chemical:	Burning can produce carbon dioxide and carbon monoxide.			
Special protective actions for fire fighters:	Not combustible. Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment			
SECTION 6 - ACCIDENTAL RELEASE MEASURE				
Personal precautions, protective equipment, and emergency measure: Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc).				
Environmental precautions: Chemical substance should not be released into the environment (water, soil).				
Methods and materials for containment and cleaning up: Stop source of spill. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water. Provide ventilation. Cover spills with absorbent clay, sawdust, inert material, soda ash, slaked lime and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.				
SECTION 7 - HANDLING AND STORAGE				
Precaution for safe handling: Wash thoroughly after handling, especially before eating and drinking. Wash contaminated goggles, face-shield, and gloves. Launder contaminated clothing before re-use.				
Conditions for safe storage, including any incompatibilities: This product is a corrosive. Store in cool, dry, ventilated area at room temperature. Always store in properly labeled, original container and away from any oxidizing materials. Handle all containers carefully. Do not throw or roll on the ground to prevent damage to containers. Use precautions normally practiced in chemical handling. Do not re-use empty container for food, clothing or products for human or animal consumption or where skin contact can occur.				

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION	
Control parameters/ Occupational exposure limits:	ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to reduce exposure levels.
Appropriate engineering control measures:	Normal ventilation is sufficient.
Personal Protection:	Use the protective equipment such as Rubber/PVC gloves and safety glasses. Page 1 of 2 splashing anticipated.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance & Odour:	White to light yellow solid with no distinguishable odour
Solubility in water:	Partial.
Boiling Point:	~200 °C
Specific Gravity:	1.01 g/cm ³
PH:	2.5 ± 0.5 (1% Solution)
Flash Point (T.C.C.):	None to Boiling
Flammable Limits - Upper:	N.A
Lower:	N.A
Vapour Pressure:	Not determined.
Vapour Density:	Not determined.
SECTION 10 - STABILITY AND REACTIVITY	
Reactivity/ In compatible materials:	None known.
Chemical stability:	Stable under normal temperature and pressure.
Possibility of hazardous reaction:	Will not occur.
Condition to avoid:	None known.
SECTION 11 – TOXICOLOGICAL INFORMATION	
There is no available toxicological list on this mixture.	
SECTION 12 – ECOLOGICAL INFORMATION	
Chemical Fate: Product is essentially made up of Inorganic substances. Therefore biodegradability does not apply.	
SECTION 13 – DISPOSAL CONSIDERATIONS	
Disposal: Dispose off in an approved waste facility according to local regulations.	
General Recommendations: Of the methods of disposal currently available, 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.	
SECTION 14 – TRANSPORT INFORMATION	
No special transportation requirement as product is not a regulated. HS Code: 34059090	
SECTION 15 – REGULATORY INFORMATION	
International regulation:	
Classification:	This product is not classified.
Risk phrases:	R22 Harmful if swallowed R34 Causes burns
Safety phrases:	S02 Keep out of reach of children S07 Keep container tightly closed S24/25 Avoid contact with eyes and skin
SECTION 16 – OTHER INFORMATION	
Hazard Rating: HMIS (Hazardous Materials Information System) HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme	

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.