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## 20 PLUS

### Hi-Metal Floor Finish

#### Product Description

A high solid content finish with metal cross-link polymers, **20 PLUS** sets up a hard, durable coating which lasts for weeks and produces a bright, clear gloss even without buffing. **20 PLUS** is the ideal product to provide an exclusive look and extra protection for your high-visibility floors.

#### Areas of Use

**20 PLUS** is ideal for vinyl surfaces and is also suitable for a wide variety of other floor types such as rubber, wood strip, parquet and other synthetic tiles. It can also be used for terrazzo, marble and granite.

#### Special Features

- Contains 20% solids.
- Self-priming; no sealer or undercoat is required.
- Cost-efficient coverage: 1st coat ~ 40 m<sup>2</sup>/L, subsequent coats ~ 60 m<sup>2</sup>/L or higher
- Good slip resistance
- Hard and extremely durable to detergent washing, black marks, scuffing and does not discolour white or light-coloured floors; prolongs the life of floors.

#### Directions for Use

- Remove old coatings from floor with a good stripper such as **ACTION 150 S**. For uncoated floors, wash with a detergent such as **POWER FORCE**. Remove soiled solution with a wet/dry vacuum cleaner. Mop with clean water to remove all traces of residue.
- Allow the floor to dry completely. Pour **20 PLUS** into a clean bucket and using a clean mop, apply uniformly to the floor. Wait 20-30 mins for the coating to dry, then apply a second coat. For new, porous, or well stripped floors, a third coating is recommended again after drying. Allow the last coat to dry as well before allowing traffic on floor. Do not return unused portion from bucket to container.
- Estimated coverage:
  - 1st coat ~ 30 m<sup>2</sup>/L • 2nd coat ~ 50 m<sup>2</sup>/L • higher coverage for further coats
- To maintain finish, dust mop daily and wet mop with mild detergent regularly to remove abrasive dirt particles. To achieve an even glossier finish, burnish with high-speed machines and quality buffering solution such as **SUN UP PLUS**. When the finish has dulled, strip and recoat the floor again.

#### Precautions

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

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

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

<b>Product Identifier:</b> 20 PLUS	<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> HI-Metal Floor Finish	
<b>Date of SDS:</b> 01 January 2026	<b>Phone:</b> (65) 6862 3388 <b>Fax:</b> (65) 6861 7575 <b>Email:</b> info@klenco-asia.com <b>Emergency contact:</b> (65) 6862 3388 Ext 249
<b>Recommended use and restriction on use:</b> 20 Plus is ideal for vinyl surfaces and is also suitable for a wide variety of other floor types such as rubber, wood strip, parquet and other synthetic tiles. It can also be used for terrazzo, marble and granite.	

## SECTION 2 - HAZARDS IDENTIFICATION

<b>GHS classification:</b> Acute toxicity: Category 4 Eye irritation: Category 2,	Skin irritation: Category 2
<b>GHS label elements:</b> Pictogram:	<b>Signal words:</b> Warning



**Hazard statements:** H315: Causes skin irritation.  
H320: Causes eye irritation.

**Precaution statements:** P233: Keep container tightly closed.

## SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Ethylene Glycol	<2.0 %	HOCH <sub>2</sub> CH <sub>2</sub> OH	107-21-1	203-473-3
Diethylene Glycol Monoethyl Ether	< 5.0 %	C <sub>6</sub> H <sub>14</sub> O <sub>3</sub>	111-90-0	230-919-7
Tributoxy Ethylene Phosphate	< 5.0 %	C <sub>18</sub> H <sub>39</sub> O <sub>7</sub> P	78-51-3	201-122-9
Dibutyl Phthalate	<2.0 %	C <sub>16</sub> H <sub>22</sub> O <sub>4</sub>	84-74-2	201-557-4
Aqueous Ammonia	<0.2%	NH <sub>4</sub> OH	1336-21-6	215-647-6
1,2-Benzisothiazolin-3-One	< 0.03 %	C <sub>12</sub> H <sub>8</sub> Cl <sub>2</sub> O <sub>2</sub>	2634-33-5	220-120-9
Water	> 45.0 %	H <sub>2</sub> O	7732-18-5	231-791-2
Acrylic Polymer Emulsion	< 40.0 %	Mixture	25035-69-2	607-492-1
Polyethylene Wax Emulsion	< 3.0 %	Mixture	NA	NA
Polypropylene Wax Emulsion	< 5.0 %	Mixture	NA	NA
Silicone Oil Emulsion	< 0.01 %	Mixture	63148-62-9	256-344-9

## 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:** Do not induce vomiting. Dilute by drinking water. Call a physician immediately.

**Notes to Physicians:** Treatment should be directed at preventing absorption, administering symptoms (if they occur), and providing supportive therapy.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Suitable fire-extinguishing media:** Water, dry chemical, carbon dioxide and foam.

**Specific hazards arising from the chemical:** Burning can produce carbon dioxide, carbon monoxide and acrylic monomers.

**Special protective actions for fire fighters:** 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 measures:** Use proper protective equipment (chemical protection suit, gloves, goggles, mask, etc.).

**Environmental precautions:** Chemical substances should not be released into the environment (water, soil).

**Methods and materials for containment and cleaning up:** Safely stop discharge. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water.

Stop discharge, if safe to do so. Cover spills with absorbent clay, sawdust or inert material and place them in closed plastic containers. Dispose according to applicable local, state and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

**Precautions 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:** Store in cool, dry, well-ventilated area at room temperature. Do not re-use empty containers 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 is usually required, when vapours, mist, or dusts can be released.		
<b>Personal Protection:</b> Use the protective equipment such as safety glasses / goggles and rubber / PVC gloves can be worn to prevent wax product from curing on the hands.		
<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>		
<b>Appearance &amp; Odour:</b> Milky white emulsion with characteristic odour.		
<b>Solubility in water:</b> Emulsifiable/Dispersible		
<b>Boiling Point:</b> 100 °C		
<b>Specific Gravity:</b> 1.035 +/- 0.005 g/cm <sup>3</sup>		
<b>PH:</b> 8.4 +/- 0.4		
<b>Flash Point (T.C.C.):</b> None to boiling		<b>Flammable Limits - Upper:</b> Not applicable <b>Lower:</b> Not applicable
<b>Solid Contents %:</b> 20.0 +/- 1.0		
<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> Trace amount of formalin and 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 of 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 contains an ingredient that is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200)		
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:</b> 1		
<b>FLAMMABILITY:</b> 0		
<b>REACTIVITY:</b> 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.