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STATICIDE® ULTRA FLOOR FINISH

Product Description

STATICIDE® ULTRA FLOOR FINISH is an ESD floor finish with superior performance for electrical properties, physical longevity, and gloss. The formula features superior abrasion resistance and durability, fortifying floors with a long-lasting protective layer that shiny and ESD safe for 12 to 24 months.

Areas of Use

ULTRA FLOOR FINISH is ideal choice for any environment where static control is required, such as electronic, medical and clean room manufacturing facilities. With a resistivity of 10^7 - 10^9 ohms when testing according to ANSI/ESDA STM 7.1. It fulfills ANSI/ESD S20.20 guidelines and is suitable for sensitive device manufacturing.

It is suitable for use on vinyl, linoleum, and ceramic.

Special Features

- Less than 4% V.O.C.
- RoHs Compliant
- Strip Cycle 12 – 24 months
- Solid content of 22% +/- 5%
- Surface resistivity of 10^7 - 10^9 ohms @ 100v at 12 RH
- UL listed for slip resistance.
- Compliant to ANSI/ESD S20.20



Directions for use

Coverage: 1500 to 2000 sq feet per gallon

Clean floor and apply 2 thin coats of **ULTRA FLOOR FINISH** at 60 minutes interval with a dedicated rayon mop. Use application instructions for further details.

Maintenance is done by sweeping or damp mopping daily to remove dirt. Periodically clean with a 1:1 dilution of water and **ULTRA FLOOR FINISH**. Apply a thin topcoat of **ULTRA FLOOR FINISH** every 4 to 6 weeks.

For heavy cleaning, use the **4100 RESTORER CLEANER**.

Precaution

Refer to Safety Data Sheet.

ASA 4600

KLENCO (SINGAPORE) PTE LTD

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Company Registration No: 197100402R


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

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: STATICIDE ULTRA	Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist
Other means of identification: Floor Finish	Phone: (65) 6862 3388 Fax: (65) 6861 7575 Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249
Date of SDS: 01 January 2024	
Manufacturer: ACL Incorporated 840 W. 49 th Place Chicago, IL 60609 PH : (01) 847.981.9212 [USA] FAX : (01) 847.981.9278 [USA]	

SECTION 3 - HAZARDS IDENTIFICATION

GHS classification: Acute toxicity: Category 4 Eye irritation: Category 2, GHS label elements: Pictogram:	Signal words: Warning	
Hazard statements: H315: Causes skin irritation. H320: Causes eye irritation.		
Precaution statements: P233: Keep container tightly closed.		

SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Styrene Acrylic Copolymer	10.0-30.0 %	C ₂₂ H ₃₀ O ₆	28263-96-9	608-182-9
2- (2-ethoxyethoxy) ethanol	< 5.0 %	C ₆ H ₁₄ O ₃	111-90-0	203-919-7
Tributoxy ethylene phosphate	< 3.0 %	C ₁₈ H ₃₉ O ₇ P	78-51-3	201-122-9
Zinc Oxide	<1.0 %	ZnO	1314-13-2	215-222-5
Ammonium hydroxide	< 1.0%	NH ₄ OH	1336-21-6	215-647-6
De ionized Water	>55.0 %	H ₂ O	7732-18-5	231-791-2

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: Do not induce vomiting. Dilute by drinking water. 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: 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 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: 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 in closed plastic containers. Dispose 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: 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.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION	
Control parameters/ Occupational exposure limits:	ACGIH - TLV: Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.
Appropriate engineering control measures:	Local exhaust ventilation is usually required, when vapours, mist, or dusts can be released.
Personal Protection:	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.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance & Odour:	Milky white emulsion with characteristic odour.
Solubility in water:	Emulsifiable/Dispersible
Boiling Point:	100 °C
Specific Gravity:	1.0 +/- 0.005 g/cm ³
PH:	7.0 - 9.5
Flash Point (T.C.C.):	None to boiling Flammable Limits - Upper: Not applicable Lower: Not applicable
Solid Contents %:	20.0 +/- 0.5
Vapour Pressure:	Not determined
Vapour Density (Air=1):	1
SECTION 10 - STABILITY AND REACTIVITY	
Reactivity/ In compatible materials:	Salt solutions or acids will coagulate material.
Chemical stability:	Stable under normal temperature and pressure.
Possibility of hazardous reaction:	Will not occur.
Condition to avoid:	Not applicable
SECTION 11 – TOXICOLOGICAL INFORMATION	
Skin or eye irritation:	May cause irritation to eyes and/or skin to some individuals.
SECTION 12 – ECOLOGICAL INFORMATION	
This product may be harmful to aquatic life as it contains zinc oxide and acrylate copolymer	
SECTION 13 – DISPOSAL CONSIDERATIONS	
Disposal method:	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.
SECTION 14 – TRANSPORT INFORMATION	
This material is non-regulated and no special requirement is necessary. Non-hazardous material. HS Code: 34052000	
SECTION 15 – REGULATORY INFORMATION	
International regulation:	
Risk phrases:	R35/38 Irritating to eyes and skin.
Safety phrases:	S07 Keep container tightly closed.
SECTION 16 – OTHER INFORMATION	
Hazard Rating: HMIS (Hazardous Materials Information System)	
HEALTH: 1	
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.