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KLEN 1306 **Acrylic Based Sealer**

Product Description

KLEN 1306 offers effective protection for concrete flooring against dusting, chemical and greasy stains. Its durability and recoatability means lower long-term cost for maintaining of floors. ***KLEN 1306*** has been formulated for use on all porous building surfaces including concrete, asbestos cement sheet, brickwork, and render.

Areas of Use

It is suitable for industrial, commercial, and domestic environments, for instance, factory and store floors, car parks, garages, or whenever a non-dusting impervious hardwearing surface is required.

Special Features

- Protects floor against staining from chemicals and soils.
- Prevents concrete dusting.
- Able to withstand heavy traffic and is non-slippery.
- Worn out areas compatible for recoating, conditioning, and new multi-coat application.
- Excellent durability, adhesion and abrasive resistance.
- No oxidation or yellowing through weather or aging.

Directions for Use

- Ensure ventilated area and clean floor from grease, dirt, and dust before application. Clean or wire brush back to a sound substrate any precoat area.
- Apply it by roller, broom, spray or brush. In high porosity case, apply two coats instead of one.
- To obtain non-skid surface, sprinkle clean dry sand onto ***KLEN 1306*** while it is still wet. Dust off excess sand when dry. Apply a second coat if necessary.
- Under normal conditions, ***KLEN 1306*** is touch dry in 30 minutes.
- Coverage dependent on type of surface. Reasonable coverage is 4.5-5 sqm/ litre.
- When the application is finished, clean all equipment, tools etc with Xylol, Toluol or Acetone.

Precautions for Use

Avoid contact with skin and eyes. Wash with large amount of water and soap upon contact with skin. Flush with water for at least 15 minutes then consult a physician immediately upon contact with eyes. If swallowed, do not induce vomiting. Dilute by drinking water and consult a physician immediately.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION				
Product Identifier: KLEN 1306		Supplier: Klenco (Singapore) Pte Ltd. Address: 18 Gul Crescent, Singapore 629527 Department: Chemical Person in Charge: Chemist		
Other means of identification: Acrylic Based Sealer		Phone: (65) 6862 3388		
Date of SDS: 01 January 2024		Fax: (65) 6861 7575		
Recommended use and restriction on use: This product is a effective protection for concrete flooring against dusting, chemical and greasy stains.		Email: info@klenco-asia.com Emergency contact: (65) 6862 3388 Ext 249		
SECTION 2 - HAZARDS IDENTIFICATION				
GHS classification: Flammable liquid: Category 3; Skin irritation: Category 2;		Acute toxicity: Oral: Category 4; Eye irritation: Category 2		
GHS label elements: Pictogram:		Signal word: Warning		
 				
Hazard statements:		H302: Harmful if swallowed. H315: Causes skin irritation. H320: Causes eye irritation.		
Precaution statements:		P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing. P280: Wear protective gloves/ protective clothing.		
Other hazards which do not result in classification:				
SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS				
Chemical Identification	Component & Composition	Chemical Formula	CAS NO.	EC NO.
Xylene	> 30.0 %	C8H10	1330-20-7	215-535-7
Acrylic Polymer	< 50.0 %	-	62887-06-3	-
Ethyl Glycol Acetate			111-15-9	203-839-2
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. Wash mouth with plenty of 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: Dry Chemical and Carbon Dioxide fire extinguishers.				
Specific hazards arising from the chemical: Burning can produce carbon dioxide and carbon monoxide. Violet steam generation may occur upon application of direct water steam to hot liquid of product.				
Special protective actions for fire fighters: Fire fighters who may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment. Isolate fire and deny entry.				
SECTION 6 - ACCIDENTIAL RELEASE MEASURE				
Personal precautions, protective equipment, and emergency measures: 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: Ventilation is required. Use self-contained breathing apparatus if necessary. Eliminate all sources of ignition. Stop spill at source. Prevent run off. Mop, shovel, pump and/or absorb wit inert material and place in sound containers. Prevent sparking. Rinse remaining residue with excess water.				
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: Warning! Flammable liquid. Store away from direct heat. Avoid storage above 50 deg C. Keep container closed as vapours may cause flashfires. No special storage / handling requirements if product is handled according to good manufacturing practices.				
SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION				
Control parameters/ Occupational exposure limits: ACGIH - TLV: <500 mg / m ³				
Appropriate engineering control measures: Use only with adequate ventilation. Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.				
Personal Protection: Use protective equipment such as rubber/PVC gloves; protective glasses. Use an approved air-purifying respirator depending on area of usage and exposure.				

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
Appearance & Odour:	Clear liquid with aromatic odour
Solubility in water:	Insoluble
Boiling Point:	> 100 deg. C
Specific Gravity:	0.91 +/- 0.02 g/cm ³
PH:	N.A.
Flash Point (T.C.C.):	> 41.0 deg. C Flammable Limits - Upper: 7.6 % Lower: 1.7 %
Vapour Pressure:	633.3 mm Hg at 38 deg. C
Vapour Density (Air = 1.0):	> 3.0
SECTION 10 - STABILITY AND REACTIVITY	
Reactivity/ Incompatible materials:	Aqueous and/or Inorganic chemicals. Avoid contact with oxidizing agents, acids & bases.
Chemical stability:	Stable under normal temperature and pressure. Exposure to elevated temperature will decompose product.
Possibility of hazardous reaction:	Will not polymerize by itself. Will polymerize with amines generating heat.
Condition to avoid:	Elevated temperature and sources of ignition, heat, static electrical discharge.
SECTION 11 – TOXICOLOGICAL INFORMATION	
Acute Effects:	Based on information of components. Inhalation: LC-50, rat > 4000 mg/kg Eye irritation: Rabbit moderate to strong Skin contact: Causes allergic reactions on long term exposure tested on guinea pig. Ingestion: LD-50, rat > 2000 mg/kg
SECTION 12 – ECOLOGICAL INFORMATION	
Product is an aquatic pollutant. Avoid contamination waterways. Not degradable and insoluble in water.	
SECTION 13 – DISPOSAL CONSIDERATIONS	
Disposal method: Dispose of in an approved waste facility according to local regulations. Do not dump into sewers, ground or into any body of water.	
SECTION 14 – TRANSPORT INFORMATION	
UN Number / Class	: UN1263 / Class 3
Packing PG	: PG III
HS Code	: 32100099
SECTION 15 – REGULATORY INFORMATION	
International regulation:	
Classification:	This product is classified as flammable liquid under EC Classification.
Risk phrases:	R10 Flammable. R20/21 Harmful by inhalation and in contact with skin. R36 Irritating to eyes. R38 Irritating to skin.
Safety phrases:	S02 Keep out of reach of children. S16 Keep away from sources of ignition – No Smoking. S25 Avoid contact with eyes. S33 Take precautionary measures against static discharges

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.