

Safety Data Sheet


PRODUCT AND COMPANY IDENTIFICATION

Product Name: Grand Shine	Distributor: ENC Nationwide Sdn Bhd
Description: High Gloss floor polish	Address: B-G-03, Block B, Jalan Bangau 11, Bandar Puchong Jaya, Off Jalan Puchong, Puchong, 47170 Selangor.
Date of MSDS: 18 -December-16	Tel : 603-8075-5222

INGREDIENTS INFORMATION

Chemical Name/Common Name	%	TLV	Chemical Name/Common Name	%	TLV
Styrene-Acrylic Terpolymer Emulsion	40-45		High Density polyethylene wax Emulsion	5-6%	

HAZARDS IDENTIFICATION

Emergency Overview :	Ingestion may cause nausea, vomiting, pain, upset stomach, diarrhea. May cause mild eye irritation. Do not swallow. See sections 3,5 and 6.	
Primary Routes of Exposure :	Skin and eye	
Eye Contact :	Direct contact may cause discomfort of the eyes.	
Skin Contact :	Accidental contact may cause irritation, no harmful effect.	
Inhalation :	Residual monomer vapours may be irritating to the eyes, mucous membrane and respiratory tract.	
Ingestion :	Exposure is unlikely. May cause nausea, vomiting, pain, and stomach upset.	
Target Organs/Chronic Effects :	None known.	
Conditions Aggravated By Exposure :	Exposure to this product is not expected to contribute, worsen or aggravate any pre-existing medical conditions.	

FIRST AID MEASURES

Eye Contact :	Flush with cool water for at least 15 minutes. Then consult a physician immediately.
Skin :	Wash with large amounts of soap and water. If irritation persists, consult a physician.
Ingestion:	Induce vomiting. Dilute by drinking water. Call a physician immediately.
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.
Notes to Physicians:	Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

FIRE FIGHTING METHODS

Flash Point (T.C.C.):	None to Boiling	Flammable Limits - Upper: NA	Lower: NA
Extinguishing Media:	Water, Dry Chemical, Carbon dioxide and universal type Foam.		
Special Fire Fighting Procedure :	Fire fighters may be exposed to the products of combustion should wear a self-contained breathing apparatus with full protective equipment.		
Unusual Fire/Explosion Hazards:	None		
Hazardous Decomposition Products:	Burning can produce carbon dioxide and/or carbon monoxide and traces of nitrogen oxides.		

ACCIDENTAL RELEASE MEASURES

Evacuation:	No special procedures are usually necessary.
Containment:	Safely stop spill at source. Contain material, as necessary, with dike or barrier. Stop material from contaminating soil or from entering sewers or bodies of water.
Collection And Disposal:	Prevent run off, if safe to do so. Use proper protective equipment. 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 regulation.

HANDLING AND STORAGE

Storage Conditions :	This product is combustible liquid, store in cool, dry, well ventilated area at room temperature. Keep away from any possible source of ignition, store away from any oxidizing materials.
Transfer:	No special precautions are needed. Follow good manufacturing and handling practices.
Personal Hygiene:	Wash thoroughly with water after handling, especially before eating and drinking. Launder contaminated clothing before re-use.
Empty Container Precautions:	Do not re-use empty container for food, clothing or products of human or animal consumption or where skin contact can occur.

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Section 8	EXPOSURE CONTROLS AND PERSONAL PROTECTION	
	Exposure Guidelines:	
	ACGIH - TLV:	Provide suitable personal protective equipment and/or ventilation to maintain exposure below TLV levels.
	Engineering Controls/Ventilation:	Local exhaust ventilation is recommended when vapors, mist, or dusts can be release.
	Respiratory Protection :	Normally not required
	Eye Protection:	Safety glasses / goggles
	Hand Protection:	Rubber / PVC Gloves
	Other Protective Clothing:	Normal work clothing covering arms and legs.
Section 9	PHYSICAL AND CHEMICAL PROPERTIES	
	Appearance & Odour:	Milky white liquid and Pleasant odour
	Specific Gravity:	1.00 +/- 0.005 g/cm3
	PH:	8.5 to 9.5
	Solubility in water:	Complete.
Section 10	Vapour Pressure:	Not Determined
	Boiling Point:	100 ° C
	Solid Content:	18 to 19%
	STABILITY AND REACTIVITY	
Section 11	Chemical Stability:	Stable under normal conditions of use.
	Hazardous Polymerization:	Will not occur.
	Conditions to Avoid:	Not applicable.
	Incompatibility With Other Materials:	Acids and oxidizing materials
Section 12	TOXICITY INFORMATION	
	Components:	This product contains Sodium Hydroxide solution that may cause irritation in eyes and skin, Ingestion of high amount of product is fatal. Concentrated with a PH value of 10.5 or greater in water may be fatal to fish or other aquatic organism. Can cause damage to aquatic plants and vegetables. Toxicity:
Section 13	ECOLOGICAL INFORMATION	
	Environmental Fate and Distribution:	Not Toxic to fish or plant
Section 14	Persistence and Degradation:	Polymer is not bio-degradable
	DISPOSAL CONSIDERATIONS	
	Disposal:	Dispose off in an approved waste facility according to local regulations.
Section 15	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.
	TRANSPORT INFORMATION	
Section 16	REGULATORY INFORMATION	
	Classification:	R36 and R38 irritating to eyes and skin.May also cause sensation by skin contact
	Ozone Depleting Chemicals:	No regulated ingredients.
Section 17	OTHER INFORMATION	
	Hazard Rating : HMIS	FLAMMABILITY : 1
	HEALTH : 2	REACTIVITY : 0

Note : MSDS is correct at data 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.