

MSDS REV
00 – MAR 2018

Material Safety Data Sheet

1. Section 1: Product and Company Information

Product Name	SEQUOIA 3000 GLOSS FINISH
Product Description	Premium Solvent Based High Gloss Finish
Manufacturer	Sequoia Marketing Sdn Bhd Lot 1665, MK14, Lorong IKS Bukit Minyak 1 Kawasan Perindustrian IKS Bukit Minyak 14100 Bukit Minyak, Penang
Contact Details	Tel: 604-5074115 Fax: 604-5071392
Date Issued	1. Mar. 2018
Revision Number	00

2. Composition of Ingredients

Product	CAS#	STEL	TLV	Composition
Alkyd Resin	NA	-	-	<50%
Titanium dioxide		-	10	<25%
Extender		-	-	<10%
Solvent		-	-	<15%

3. Hazard Identification

HMIS Rating					
Health	2	Flammability	1	Reactivity	0

Health Hazard	May cause irritation
Fire Hazard	Flammable
Reactivity Hazard	Stable under normal storage and application conditions. May react with strong acids and bases, oxidizing agents

4. First Aid Measures

Route of exposure	First Aid Measure
Inhalation	Remove victim from exposure, move victim to fresh air.
Ingestion	If ingested, do not induce vomiting. Contact a physician immediately.
Eye contact	Wash eyes under running water for at least 15 minutes. If irritation persists, seek medical attention immediately.
Skin Contact	Remove contaminated articles of clothing, and wash affected area with soap and water .

5. Fire Fighting Measures

Extinguishing media	Water fog or fine spray, carbon dioxide, dry chemical or foam can be used as fire extinguishing media.
Specific hazards	Decomposition of polymers may contain polymer fragments of varying composition in addition to unidentified toxic and/or irritating compounds. Hazardous decomposition products may include and are not limited to carbon dioxide, carbon monoxide.
Specific methods	Keep people away from the fire. Isolate fire area and deny unnecessary entry. Water fog may be applied as a blanket for fire extinguishment. Eliminate all fire ignition sources and stay upwind.
Protection of firefighters	Wear pressure positive self contained breathing apparatus (SCBA) and wear protective fire fighting clothing (including fire fighting helmet, coat, trousers, boots and gloves). If protective clothing is not available, fight fire from a protected location or a safe distance.

6. Accidental Release Measures

Personal precautions	Respiratory protection not required. Wear chemical goggles, chemical resistant gloves and boots when containing the spill.
Environmental protection	Contain spillage with dikes or absorbent material. Prevent spillage from entering drainage or groundwater.
Method of cleaning	Absorb spillage with inert absorbent material and store in approved chemical disposal containers. Residual spillage may be cleaned with water and soap. Dispose chemicals and waste material by incineration by an approved chemical disposal contractor.

7. Handling and Storage

Storage	Store in a cool, well ventilated area away from direct sunlight. Keep away from sources of ignition, static building, sparks or open flames. Keep containers tightly closed when not in use.
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8. Exposure Control/Personal Protection

Exposure Guidelines	
Engineering controls	General or local exhaust ventilation should be used to prevent build up of vapor above exposure guidelines
Respiratory protection	For emergency conditions or when the exposure guidelines will be greatly exceeded, use an approved positive pressure self contained breathing apparatus (SCBA) or positive pressure airline with auxiliary self contained air supply
Skin protection	Wear clean, long sleeved body covering clothing. Gloves impervious to this material must also be used.
Eye/Face protection	Use chemical goggles or full face respirator. An eye wash fountain should be located in the immediate work area

9. Physical and Chemical Properties

Appearance	High Gloss colour	Flash Point	30°C
Odour	Aromatic Hydrocarbon Odour	Flammability (UEL)	Not applicable
Specific gravity (water=1.0)	0.95 – 1.15	Flammability (LEL)	Not applicable
Relative vapour density (air=1.0)	Heavier than air	Auto-ignition temperature	>200°C
Water solubility	Not applicable	pH	Not applicable
Boiling point	Between 135 - 200 °C	Melting point	Not applicable

10. Stability and Reactivity

Chemical stability	Stable
Conditions to avoid	Do not store in open sunshine. Keep away from ignition sources and open flames.
Materials to avoid	Oxidizing agents, metal salts peroxides, strong acids and bases.
Hazardous decomposition products	None.
Hazardous polymerization	Will not occur
Conditions to avoid	Not applicable

11. Toxicological Information

Skin contact	May cause dermatitis
Eye contact	Contact with the eyes may cause irritation
Acute effects	Not applicable
Chronic effects	None known

Special effects	None known
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12. Ecological Information

Mobility and bioaccumulation potential	No data available.
Degradation	No data available.
Aquatic toxicity	No data available. Do not allow to enter drainage, ground, or any body of water

13. Disposal Information

Disposal	Do not dump into drainage, on the ground, or any body of water. Any disposal practice must be in compliance with all local and national laws and regulations.
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14. Transport Information

Proper shipping name	
IMDG class	Not regulated
Packing group	Not applicable
UN number	Not applicable
Marine pollutant	No

15. Regulatory Information

Not applicable.

16. Other Information

<p>Not applicable</p> <p>The information and recommendations herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. The information and recommendations are offered for the user's recommendation and examination, and it is the user's responsibility to satisfy itself that there are suitable and complete for its particular application. No representation, warranty or guarantee is made as to its accuracy, reliability or completeness. We do not accept liability for any loss or damage that may occur from the use of this information.</p>

This MSDS is generated in accordance to ISO 11014-1: 1994 ("Safety data sheet for chemical products – Part 1: Content and order of sections"). *****double confirm this item***



SEQUOIA Gloss Finish 3000

PRODUCT

INFORMATION

PRODUCT NAME

Sequoia 3000 Gloss Finish

DESCRIPTION

Sequoia 3000 Gloss Finish is a premium solvent based high gloss finish, it is an oil-modified alkyd enamel paint. It is easy to apply and forms a smooth, tough paint film which has excellent gloss, fungus resistance and durability.

USAGE

For decoration and protection. Suitable for all types of interior and exterior metal and wood surfaces

BENEFITS

High gloss and excellent gloss retention

Excellent gloss fastness

Excellent durability

Washable

PACK SIZE

1 litre, 5 litres

COLOUR RANGE

Refer to Sequoia 3000 Gloss Finish colour chart

PERFORMANCE GUIDE

CHEMICAL RESISTANCE

Resistant to mild chemical fumes. Special paint systems required if surface is subject to constant chemical attack

HEAT RESISTANCE

Generally resistant to heat up to 90°C. Discolouration will occur after a prolonged time if surface is constantly heated

WATER RESISTANCE

Resistant to normal atmospheric humidity present. Will withstand repeated washing. Not suitable for surface

immerse in water

16-18 meter² /liter.

THEORETICAL COVERAGE

Note: Surface coverage will alter depending on condition of surface to be painted

PRE-APPLICATION
SURFACE PREPERATION

Generally all surfaces to be coated must be free of dust, dirt, grease and other contaminants.
If metal surface is contaminated with rust, sand the surface with sand paper or wire-brush and clean of dust.
For optimal performance, new galvanized surface should be cleaned and degreased to ensure good adhesion

PREVIOUSLY PAINTED
SURFACE

All loose and flaking paint film must be removed.
Surface must be free of dust, dirt, grease and other contaminants.
If metal surface is contaminated with rust, sand the surface with sand paper or wire-brush and clean of dust.

RECOMMENDED PAINT
SYSTEM

Types of Surface	Undercoat (1 coat)	Finish (2 coats)
Wood	REDWOOD white undercoat	
Metal	SEQUOIA PROTECTIVE COATING OR NASA oxide	SEQUOIA 3000 GLOSS PAINT

PAINT APPLICATION
THINNING

For normal use, thinning is not required. If required, add 1 part of white spirit (10%) to 10 part of paint.

Note: Excessive thinning will affect the quality of the paint

DRYTIME

Touch dry : 2 hours
Hard dry/Recoat : 8 hours

CLEAN UP

Clean all equipment with white spirit immediately after use.
Allow empty container to dry prior to disposal.

PRODUCT DATA
COMPOSITION

Pigments: Lightfast organic pigment, lightfast inorganic pigment
Blinder : Organic Alkyd
Solvent : White spirit

SAFETY AND
PRECAUTION
HEALTH AND
SAFETY

- Keep container tightly closed and in up right position while in transport or in storage.
- Keep container and paint away from food and drinks. Keep out of reach from children.
- Ensure good ventilation during application and drying. Do not breath in vapour, use mask if required
- Wear eye protection. In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin with soap and water.
- Flammable liquid, keep away from fire and point of ignition. In case of fire, extinguish with foam or powder fire extinguisher, sand or earth. DO NOT USE WATER.
- In case of spillage, cover spillage with sand or earth.

ENVIRONMENT

- Do not empty contain in container into drain, sewer system or watercourses.
- Toxic to aquatic organism, may cause long-term effect on aquatic environment.
- Dispose empty container according to Environmental Quality Regulations.

Note: -The information given above is for reference only.

- All results are laboratory based result. Actual result may vary under different condition.