



Material Safety Data Sheet

1. Section 1: Product and Company Information

Product Name	SEQUOIA SEQASHIELD EXTERIOR WALL FINISH
Product Description	Acrylic Exterior Wall 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
Acrylic emulsion	NA	-	-	<50%
Titanium dioxide	13463-67-7	-	10	<25%
Extender	NA	-	-	<10%
Water	7732-18-5	-	-	<25%

3. Hazard Identification

HMIS Rating					
Health	1	Flammability	0	Reactivity	0

Health Hazard	May cause irritation
Fire Hazard	Non-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, and loosen clothing. If breathing has stopped or is irregular, start CPR immediately.
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 for at least 15 minutes. If rashes or burns are evident, dress wounds and seek medical attention immediately.

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	Liquid	Flash Point	>100°C
Odour	Acrylic-like odour	Flammability (UEL)	Not applicable
Specific gravity (water=1.0)	1.35 – 1.45 (depends on colour)	Flammability (LEL)	Not applicable
Relative vapour density (air=1.0)	Heavier than air	Auto-ignition temperature	Not applicable
Water solubility	Soluble	pH	Not applicable
Boiling point	100°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	Carbon dioxide and carbon monoxide in a fire. Irritating and toxic fumes at higher temperature
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").



SEQASHIELD

FULL ACRYLIC EXTERIOR WALL FINISH

EG Health Series

PRODUCT INFORMATION

PRODUCT NAME	SEQASHIELD Full Acrylic Exterior Wall Finish – EG Health Series
DESCRIPTION	<p>SEQASHIELD Acrylic Exterior Wall Finish is a 100% fully Acrylic premium exterior paint specially formulated with excellent weathering properties; fungus and algae resistant; excellent alkali resistant, adhesion and durability. It is formulated to provide at least 5 years protection against fungus and algae growth with correct application.</p> <p>It is environment friendly emulsion paint with APEO Free, Low VOC, Formaldehyde Free and Heavy Metals Free. These advanced paint technologies can minimal environmental impact and human health problems.</p>
USAGE	This environmentally friendly paint is suitable for decoration and protection of exterior walls which is exposing to hush weather for a long lasting finish. It is safe to apply for exterior decoration and protection of wall ceiling, brickwork and cement wall for longer durability.
BENEFITS	<p>Minimal environmental impact, Eco Green, toward create Green Home, Green Country, Green Earth.</p> <p>Safety and healthy to use for interior and exterior home</p> <p>Excellent durability</p> <p>Gives a mid matt and smooth luxury surface</p> <p>Washable</p>
PACK SIZE	1 Litre, 5 Litres and 20 Litres
COMPOSITION	
BINDER	100% Full Acrylic Copolymer
PIGMENT	Lightfast Non – pigments and Mineral Extender
VOLUME SOLIDS	White 45-50% (Nominal), other colours will vary
SOLUBLE	Water

PROPERTIES

TEXTURE	Smooth Luxury Matt Finish
COLOUR RANGE	Refer to SEQASHIELD colour card and SEQUOIA COLOURMIZER Fandeck
THEOROTICAL COVERAGE	Average coverage of 12-13 sq Meter/litre Actual coverage will vary according to condition of wall surfaces
DRY TIME	Touch Dry : 30-60 minutes (depend on humidity and temperature) Hard dry/recoat : 2-3 hours
RECOATING INTERVAL	2-3 hours

PRE-APPLICATION

SURFACE PREPARATION	Generally all surfaces to be coated must be dry, clean and sound, free of dust, dirt, grease and other contaminant
PREVIOUS PAINTED SURFACE	Remove any loose or defective paint or powdery residual with a stiff bristle brush. Treat area affected by fungus with fungicidal wash solution. Fill cracks with filling putty.

RECOMMENDED PAINT SYSTEM

1st coat	Primer	to paint 1 coat	SEQUOIA Wall Sealer
2nd coat & 3rd coat	Finish Coat	to paint 2 coats	SEQUOIA EG Health Series - SEQASHIELD Exterior Wall Finish

PAINT APPLICATION

THINNING	For normal use, thinning is usually not required. If required, can add 5 – 10% of water. Note: Excessive thinning will affect the quality of the paint
CLEAN UP	Clean up all painting tools with clean water immediately after use

SAFETY AND PRECAUTION

HEALTH AND SAFETY	<ul style="list-style-type: none"> - Keep container tightly closed and in upright position while transport or in storage - Keep container and paint away from food and drinks. Keep out of reach children - Ensure good ventilation during application and drying. Do not breathe in vapor, use mask if required - Wear eye protection. In case contact with eye, rinse with plenty of water immediately and seek medical advice - Remove splashes from skin with soap and water - In case if spillage, cover spillage with sand or soil.
ENVIRONMENT	<ul style="list-style-type: none"> - Do not empty contain in container into drain, sewer system or watercourse - Dispose empty container according to Environment Quality Regulations

Note: The information given above is for reference only. All results are laboratory based result. Actual result may vary under different condition.