

SAFETY DATA SHEET

WEBERTEC ES 113 (ANTI CARBONATION EXTERNAL FACADE COATING)

Printing date 12.01.2024

Version number 4

Revision: 12.01.2024

1 IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product identifier

Trade name WEBERTEC ES 113

Manufacturer/Supplier

Saint-Gobain Singapore Pte Ltd8377339T
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UN CODE No:	NA	D.G. CLASS:	NA	SUBSIDIARY RISK:	NONE
HAZCHEM CODE:	NA	POISONS:	5	MANUFACTR CODE:	FCFW
TOXIC SUBSTANCES SCHEDULE:	Not Listed			MARINE POLLUTANT:	NA

Use: Proprietary blend of SYNTHETIC POLYMER EMULSIONS and INERT FILLERS
Used as a protective coating and waterproof membrane for construction industry.

2 PHYSICAL DATA

Appearance: Viscous Liquid
Percent Volatile: 32-35% W/W
Specific Gravity: 1.35 approx
Flammability Limits: LFL 1.1%
Flash Point: NA
Auto Ignition: Not determined
Odour: Nil
Boiling Point: > 90°C

3 INGREDIENTS

CHEMICAL ENTITY	CAS NO	PROPORTION
Synthetic Copolymer Emulsion Blend	Proprietary	55-65
Ester Alcohol	025265-77-4	1.0 max
Titanium Dioxide	013463-67-7	5-10
Other Color Pigments	051274-00-1	3-5
Inert Fillers	014807-96-6	1-2
Calcium Carbonate	001317-65-3	15-25

4 HEALTH HAZARD INFORMATION

EYES May cause slight temporary irritation and soreness
SKIN May cause dryness, skin irritation, dermatitis if exposure is repeated, prolonged
INGESTION May cause nausea. If liquid enters lungs, may cause lung damage.
INHALATION May cause nausea, headache, irritation of nose, throat irritation.
CHRONIC No known health hazard

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TOXICITY Low, from available data. Long term experience of this product type indicates no danger to health when handled under industrial conditions

5 FIRST AID

EYES Flush with plenty of water for 15 minutes. Seek medical attention promptly.
SKIN Remove contaminated clothing. Wash skin thoroughly with soap and water for 15 minutes. DO NOT use solvents to remove product from skin. Wash clothing thoroughly before reuse. Consult a physician if irritation persists.
INGESTION If swallowed, drink water immediately. Do not induce vomiting. Seek medical attention.
INHALATION Remove to fresh air location. If discomfort persists, seek medical advice.
FA FACILITIES Provide eye washing facilities

Advice to Doctors

Treat symptomatically. The decision whether to induce vomiting or not should be made by an attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. No specific antidote. Supportive care. Treatment based on the sound judgment of the attending physician and the individual reactions of the patient.

6 PRECAUTIONS FOR USE

Exposure Limits	Workplace Exposure Standard					
	TWA (8 hr)	ppm	mgm/m ³	TLV	ppm	mgm/m ³
Butyl Acrylate		10	55		-	-
Styrene Monomers		50	215		100	425
Ammonia		25	18		35	27

7 ENGINEERING CONTROLS

General ventilation is usually adequate. Where product is used in an enclosed area, local extraction is recommended. It is not expected that the above Exposure Standards will be exceeded in any use of this product, having regard to the trace amounts of the listed items in the product.

8 PERSONAL PROTECTION

Eyes Use of chemical splash goggles is recommended
Hands/Feet PVC, rubber or neoprene footwear / gloves are recommended
Respiratory No problems foreseen. A half mask, air-purifying respirator is recommended if and when the airborne concentrations rises to around 10 times of the TWA / TLVs listed in the Exposure Limit Information.
Flammability Not flammable under conditions of use.

Flammability Limits (%)

Lower Explosive Limit Not Applicable
Upper Explosive Limit Not Applicable
SOLUBILITY in H₂O Can be diluted

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Although this product does not meet the parameters for flammability, it can burn in the presence of a strong ignition source after water has been removed from the product. Material can splatter at temperatures > 120°C.

9 SAFE HANDLING INFORMATION

Storage/Transport

This product is not classified as a dangerous good for the purpose of storage or transportation.

Store in a cool place away from heat and ignition sources. If stored in bulk, then fumes could arise in tank. Observe safe tank entry procedure. Do not store in areas where the maximum temperatures can exceed 50°C. Keep partially used product containers closed. Store away from foodstuffs, clothing. Keep out of reach of children.

Spills

Minor: Absorb to sand, sawdust or an absorbent clay. Alternatively add calcium or alum to the spill to coagulate solids. Dispose to landfill after drying.

Major: Immediately contain, then pump to a container. Prevent entry to municipal sewers & open water.

Disposal

Separate solids by coagulation or drying. Place in secure container for disposal. Burn in an adequate incinerator or bury to dispose in an approved land-fill in accordance with State and/or Local Government regulations.

Fire/Explosion

Flammable Limits in Air (% vol)

Extinguishing Media

Fire Fighting

Additional Hazards

Decomposition Products

Hazardous Polymerization

Instability

Toxicological Information

LEL: None

UEL: None

Any. (For surrounding fire, use appropriate media.)

The material can splatter in temperatures > 100°C.

Smoke inhalation from ignition of dried polymer.

May yield acrylic monomers on thermal decomposition

Will not occur.

NIL --- Avoid temperatures above 165°C.

As stated earlier under toxicity data available for this material.

10 OTHER INFORMATION

DISCLAIMER

The information provided in this Safety Data sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered and does not constitute a warranty or a quality specification or that the goods are suitable for a particular purpose. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. No warranty either express or implied or statutory is made in this document, except as expressly stated in any sale and

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purchase agreement entered into between the company and the buyer. The information given above is based on the most accurate information available at the time of writing and is given in good faith, but is subject to change without notice.