

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART A

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

1 IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product identifier

Trade name weberfloor EP 530 HB

Manufacturer/Supplier

Saint-Gobain Singapore Pte Ltd
2 Venture Drive, #13-18, Vision Exchange, Singapore 608526
Tel: +65 6330 8288
Fax: +65 6330 8289

2 HAZARDS IDENTIFICATION



Hazard classification

Skin irritation: Category 2
Eye irritation: Category 2A
Skin sensitisation: Sub-category 1B
Acute aquatic toxicity: Category 2
Chronic aquatic toxicity: Category 2

3 COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

Bisphenol A epoxy resins	
CAS# 25068-38-6	>50<80%
Performance additives	>5<10%
Crystalline silica	>25<30%
Colour pigment	>4<8%

4 FIRST AID MEASURES

Ingestion:

Do not induce vomiting. Seek medical attention.

Skin Contact:

Wash the contacted area thoroughly with soap and plenty of water. If irritation persists, seek medical advice.

Eye Contact:

Wash eyes immediately with plenty of clean water for at least 15 minutes and seek medical advice if irritation persist.

Inhalation:

Move affected person to fresh air. If symptoms persist, seek medical advice.

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART A

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Foam, CO₂, dry chemical, water spray jet.

Unsuitable extinguishing media:

Do not use high pressure water jet.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Isolate area. Keep unnecessary and unprotected personnel from entering the area.

Environmental precautions:

Prevent from entering into soil, ditches, sewers, waterways or groundwater.

Methods and materials for containment and cleaning up:

Contain spilled material if possible, absorb with materials such as sand or saw dust, remove residual with soap and hot water. Collect in suitable and properly labeled containers.

7 HANDLING AND STORAGE

Storage: Storage temperature 2-43°C. Keep container tightly seal.

Handling: Avoid open flames and sources of ignition. Ensure good ventilation at the workplace.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering controls: Ensure good ventilation.

Exposure Limits: Not established

Control parameters: None

Respiratory Protection: Good ventilation is required. Wear mask if required by local regulation.

Hand Protection: Wear suitable protective gloves.

Eye Protection: Suitable protective goggles.

Skin Protection: Wear protective clothes and footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour : Coloured

Odor: Mild

Solubility in water: Insoluble

Specific gravity: Approx 1.20-1.35

Flash point: >264-268°C

Boiling point: Not applicable

Explosive limits: Not applicable

Decomposition temperature: Not applicable

Auto-ignition temperature: Not applicable

10 STABILITY AND REACTIVITY

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART A

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

Conditions to avoid: Avoid static discharge

Material to avoid: Strong acid, oxidizer and amines.

Hazardous decomposition products: In fire, toxic fume may be generated

11 TOXICOLOGICAL INFORMATION

Eye: Irritating to eyes.

Skin : Irritating to skin.

Inhalation: Acute oral toxicity.

12 ECOLOGICAL INFORMATION

Biological degradability: Not readily biodegradable.

Ecotoxicity: Toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

Dispose according to local regulatory requirements.

14 TRANSPORT AND REGULATORY INFORMATION

Transport over sea IMDG

Class: Not regulated

Transport by air ICAO/IATA

Class: Not regulated

Transport over land ADR/RID

Class: Not regulated

16 OTHER INFORMATION

MSDS summarises our best knowledge on the health and safety hazard information on the product. We recommend user to read and understand the product and its safety hazard.

Hazard label Exclamation mark

Risk phrases R36/38 – Irritating to eyes and skin.
R43 – May cause sensitization by inhalation.

Safety phrases

S26 In cause of contact with eyes, rise immediately with plenty of water and seek medical advice.

S28 – After contact with skin, wash immediately with plenty of water and soap.

S37/39 Wear suitable gloves, eyes/face protection.

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART B

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

1 IDENTIFICATION OF HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product identifier

Trade name weberfloor EP 530 HB

Manufacturer/Supplier

Saint-Gobain Singapore Pte Ltd
2 Venture Drive, #13-18, Vision Exchange, Singapore 608526
Tel: +65 6330 8288
Fax: +65 6330 8289

2 HAZARDS IDENTIFICATION



The product is harmful following acute exposure to it and poses a serious health threat if inhaled, ingested, or brought into contact with the skin.

The product is corrosive and, if brought into contact with the skin, causes burning, with the destruction of the entire thickness of skin tissue. If brought into contact with the skin, the product may cause sensitisation of the skin.

This product is a threat to the environment; it is harmful to aquatic organisms following acute exposure.

In the long term, this product may have negative effects on the aquatic environment, because it is not easily biodegradable and/or is bioaccumulable.

3 COMPOSITION AND INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

< 50% benzyl alcohol

N.67/548/CEE: 603-057-00-5

CAS: 100-51-6

EINECS: 202-859-9 Xn R20/22

< 40% 3-aminomethyl-3,5,5 trimethylcyclohexylamine

N.67/548/CEE: 612-067-00-9

CAS: 2855-13-2

EINECS: 220-666-8 C R21/22 R34 R43 R52/53

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART B

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

4 FIRST AID MEASURES

Contact with skin

Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. OBTAIN IMMEDIATE MEDICAL ATTENTION.

Contact with eyes

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION. Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

Swallowing

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY. Give 1 pint of milk or water to drink. Give repeated drinks of water (one capful) every 10 minutes.

Inhalation

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area. OBTAIN MEDICAL ATTENTION.

5 FIRE-FIGHTING MEASURES

Recommended extinguishers:

Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6 ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use a mask, gloves and protective clothing.

Environmental measures: Limit leakages with earth or sand. If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: Rapidly recover the product. To do so, wear a mask and protective clothing. If the product is in a liquid form, stop it from entering the drainage system. Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART B

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

7 HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapours, do not eat or drink while working.

Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage premises: Adequately ventilated premises.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH): None.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: yellowish clear liquid

Odour: ammoniacal

Boiling point: >190°C

Flash point: >90°C °C

Relative density: 1.03

Solubility in water: partially soluble

Lipid solubility: alcohols, glycolether and aromatic hydrocarbons

10 STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Substances to avoid:

None in particular.

Hazardous decomposition products:

It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth) and powerful reducing agents. It may generate toxic gases on contact with oxidising mineral acids, halogenated organic substances, organic peroxides and hydroperoxides, and powerful oxidising agents. It may catch fire on contact with powerful oxidising agents.

11 TOXICOLOGICAL INFORMATION

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART B

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation. Set out below is the toxicological information relating to the main substances in the preparation.

Ingestion: harmful if swallowed

Inhalation: harmful for inhalation

Eye contact: risk of serious damage to eyes.

Skin contact: the product causes corrosion on skin and mucous membranes may cause sensitisation by skin contact. benzyl alcohol LD50 (RABBIT) SKIN SINGLE DOSE: 2000 MG/KG

12 ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment. List of substances dangerous for the environment and corresponding classification: < 40% 3-aminomethyl-3,5,5-trimethylcyclohexylamine N.67/548/CEE: 612-067-00-9 CAS: 2855-13-2 EINECS: 220-666-8 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

Recover if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14 TRANSPORT INFORMATION

ADR-UN number: 2735

ADR-Class: 8 (C7), III

ADR-Upper number: 80

ADR-Shipping Name: UN 2735, Amines or polyamines liquid corrosive

ADR-Packing Group: PG III

IATA-Un number: 2735

IATA-Class: 8

IATA-Technical name: UN 2735, Amines or polyamines liquid corrosive

IATA-Passenger Aircraft: 818

IATA-Cargo Aircraft: 820

IATA-Packing group: PG III

Marine pollutant: No

IMDG-Un number: 2735

IMDG-Class: 8

IMDG-Technical name: UN 2735, Amines or polyamines liquid corrosive

IMDG-Packing group: PG III

15 REGULATORY INFORMATION

88/379/EEC (Classification and Labelling):

C Corrosive

R Phrases:

R34 Causes burns.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

SAFETY DATA SHEET

WEBERFLOOR EP 530 HB (HIGH BUILD EPOXY COATING) - PART B

Printing date 12.01.2024

Version number 3

Revision: 12.01.2024

R43 May cause sensitization by skin contact.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S60 This material and its container must be disposed of as hazardous waste.
61 Avoid release to the environment. Refer to special instructions/Safety data sheets.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Contents: 3-aminomethyl-3,5,5-trimethylcyclohexylamine benzyl alcohol.

Where applicable, refer to the following regulatory provisions :
Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

16 OTHER INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Treshold Limit Values - 1997 edition The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Phrases R used in paragraph 2:

R20/22 Harmful by inhalation and if swallowed.

R21/22 Harmful in contact with skin and if swallowed.

R34 Causes burns.

R43 May cause sensitization by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.