DETAILED SAFETY DATA SHEET

SOLIDFLEX MS SEALANT

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Name	: SOLIDFlex MS Sealant
Intended Use	: Low Modulus One-Component MS Sealant
Manufacturer	: Solid Green Tech Solutions Sdn. Bhd. Lot 772 (10-14), Jalan Subang 4 Kawasan Perindustrian Sg. Penaga 47620 Subang Jaya, Selangor, Malaysia
Emergency Phone Number	: +(60) 3 8081 4777 / 4776
Fax Numbers	: +(60) 3 8081 4771

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Chronic Hazard, Category 3 : Harmful to aquatic life with long lasting effects

SIGNAL WORD : WARNING

HAZARD STATEMENTS

H412 Harmful to aquatic life with long lasting effects.

EUH STATEMENTS

EUH208 Contains DIBUTYLBIS(PENTANE-2,4-DIONATO-O,O')TIN, N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE. May produce an allergic reaction.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures	CAS No.	%
*N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENEDIAMINE*1332-58-7	1760-24-3	0.1 – 1
BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDYL)SEBACATE9032-42-2	52829-07-9	0.1 – 1
DIBUTYLBIS(PENTANE-2,4-DIONATO-O,O')TIN substance listed as REACH Candidate	22673-19-4	0.1 – 1

4. FIRST-AID MEASURES

Inhalation
> Remove to fresh air. If breathing has stopped, institute artificial respiration. Seek medical advice if symptoms persist.

Skin Contact
> Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms persist , seek medical advice.

Eye Contact
> Rinse eyes thoroughly with water for at least 15 minutes, and seek medical advice.

Ingestion
> Do not induce vomiting. Dilute with water. Seek medical examination immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media
> In case of fire use foam, water or extinguishing media appropriate for surrounding fire.

Fire Fighting Instruction
> Fire fighters should wear self-contained breathing apparatus and full protective gear.

Self Ignition
> Not self igniting.

6. ACCIDENTAL RELEASE MEASURES

Personal Precaution
> Ventilate spillage area.
> Use personal protective equipment.

Environmental Precaution
> Do not allow to enter drains or waterways, do not discharge into the subsoil / soil.

Methods for Cleaning Up
> Mechanically recover the product.
> Dispose of materials or solid residues at an authorized site.

7. HANDLING AND STORAGE

Handling
> Ensure adequate ventilation at the workplace. Avoid open flames and sources of ignition.
> Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Storage
> Store in a well-ventilated place. Keep cool.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Control
> Ensure good ventilation of the work station.

Hygiene Measure
> Do not eat, drink, smoke or drug taking in work place. Wash hands before break or after work.

Respiratory Protection
> In case of insufficient ventilation, wear suitable respiratory equipment

Hand Protection
> Protective gloves

Eye /face Protection
> Safety glasses

Skin Protection
> Wear suitable protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid
Appearance : Paste.
Colour : Various.
Odour : odourless.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : Not applicable
Boiling point : No data available
Flash point : Not applicable
Auto-ignition temperature : Not applicable
Decomposition temperature : No data available
Flammability (solid, gas) : Non flammable.
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : ≈ 1.58
Solubility : No data available
Partition coefficient n-octanol/water (Log Pow) : No data available
Viscosity, kinematic : Not applicable
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : Not applicable

10. STABILITY AND REACTIVITY

Reactivity
> The product is non-reactive under normal conditions of use, storage and transport.

Possibility of hazardous reactions
> No dangerous reactions known under normal conditions of use.

Hazardous decomposition products
> Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Toxicological information on this product or its components appear in this section when such data is available.

Acute toxicity
Acute oral toxicity
> Not classified

Acute dermal toxicity
> Not classified

Acute inhalation toxicity
> Not classified

Skin corrosion/irritation
> Not classified

Serious eye damage/eye irritation
> Not classified

Sensitization
> Not classified

Germ cell mutagenicity
> Not classified

Carcinogenicity
> Not classified

Specific Target Organ Systemic Toxicity (Repeated Exposure)
> Not classified

12. ECOLOGICAL INFORMATION

Ecotoxicological information on this product or its components appear in this section when such data is available.

Acute (Short-term) aquatic hazard
> Not classified

Long-term aquatic hazard
> Harmful to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Product
> In accordance with local authority regulations, take to special waste incineration plant.

Contaminated Packaging
> If empty contaminated containers are recycled or disposed of, the receiver must inform about possible hazards.

14. TRANSPORT INFORMATION

> Not applicable

15. REGULATORY INFORMATION

EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit:
Dibutylbis(pentane-2,4-dionato-O,O')tin
(EC 245-152-0, CAS 22673-19-4)
Contains no REACH Annex XIV substances
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export
and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent
organic pollutants

VOC content : < 10 g/l

National-Regulations
Germany

Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG) Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG)
Water hazard class (WGK)	: WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject of the Hazardous Incident Ordinance (12. BImSchV) Netherlands ABM category : Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioacumulative potential/ toxicity or persistence)

SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: DIBUTYLBIS(PENTANE-2,4-DIONATO-O,O')TIN is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: DIBUTYLBIS(PENTANE-2,4-DIONATO-O,O')TIN is listed

Denmark

Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact with the product

16. OTHER INFORMATION

NONE

The information is based on our current level of knowledge and relates to the products in the states in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

SOLID GREEN TECH SOLUTIONS SDN. BHD.
(Co.No.1018765-P)

FACTORY OFFICE
Lot 772 (10-14), Jalan Subang 4
Kawasan Perindustrian Sg. Penaga
47620 Subang Jaya, Selangor, MY
+603-8081 4777 / 4776
+603-8081 4771
info@solidsolutions.com.my
www.solidsolutions.com.my

OUR RANGE OF PRODUCTS

Concrete Admixtures
Waterproofing Systems
Engineering Grouts
Industrial Floor Surfaces
Concrete Repairs
Surface Treatment
Prepacked Concrete Mortar
Protective Coating
Highway Repair
Liquid Floor
Wall Finishing System