Starflex Mono Top W

Safety Data Sheet

Date: October 2026

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product:

Product Name:	Starflex Mono Top W
Other Names:	N/A
Product Code:	SFMT
HSNO Approval:	Non-Hazardous
Uses:	Acrylic Coating

Company Details:

Company:	Sealco Limited
Address:	Unit 5, 18 Taurus Pl, Bromley, Christchurch
Telephone:	03 366 9495, 0508 292 837
Website:	www.sealco.co.nz

Emergency Number: **National Poisons Centre 0800 764 766**

SECTION 2 – HAZARDS IDENTIFICATION

Approval:

This product is not classified as hazardous according to the criteria of the Hazardous Substances (Hazard Classification) Notice 2020.

Label Elements:

GHS Symbols: Not Applicable
Signal Word: Not Applicable

Hazard Statements:

EUH208 – Contains 5-chloro-2-methyl-1,2-thiazole-3(2H)-one and 2-methyl-1,2-thiazole-3(2H)-one; 1,2 benzisothiazol-3(2H)-one. **May produce an allergic reaction.**

Other Hazards:

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3 – INFORMATION ON INGREDIENTS

CAS / Identification	Component	Conc (%)
77996	Propylidynetrimethanol	0,1 ≤ x < 0,25
2634-33-5	1,2-Benzisothiazol-3(2H)-One	0,009 ≤ x < 0,025
55965-84-9	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	0 < x < 0,0015

Substances: Information not relevant

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

No effects requiring implementation of special first aid measures are expected. The following information represents practical indications of correct behaviour in the event of contact with a chemical product, even if not hazardous.
In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.
SKIN: Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing.
INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.
INHALATION: Remove victim to fresh air, away from the accident scene. Get medical advice/attention.

Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

Indication of any immediate medical attention and special treatment needed

If symptoms occur, whether acute or delayed, consult a doctor.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing:
The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.
Unsuitable Extinguishing Media:
None in particular

Special Hazards Arising from the Chemical:
Do not breathe combustion products.

Advice for firefighters:
Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

Fire Fighting Measures:
Wear full protective firefighting gear including self-contained breathing apparatus for protection against possible exposure.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Block the leakage if there is no hazard.
Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Methods and Materials for Containment and Cleaning Up:
Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.
Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

Environmental Precautions:
The product must not penetrate into the sewer system or come into contact with surface water or ground water.

Reference to other sections
Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling:
Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

Conditions for Safe Storage, Including any Incompatibilities:
Store only in the original container. Store the containers sealed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Specific end use(s)
Information not available

SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION

Workplace Exposure Standards:
A workplace exposure standard has not been established by Worksafe NZ for this product. There is a general limit of 10mg/m³ for dusts and mists when limits have not otherwise been established.

NZ Workplace Exposure Standards

Ingredient	CAS	WES-TWA	WES-STEL	
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6)	55965-84-9	0.2 mg/m³	0.4 mg/m³	INHAL
1,2-Benzisothiazol-3(2H)-One	2634-33-5	N/A	N/A	

*These workplace exposure standards are also Prescribed Exposure Standards (PES) under the Health & Safety at Work (General Risk and Workplace Management) Regulations 2016.

Personal Protective Equipment:





As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.
When choosing personal protective equipment, ask your chemical substance supplier for advice.
Provide an emergency shower with face and eye wash station.
Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment to guarantee maximum protection

Hand Protection: Protect hands with work gloves. The following should be considered when choosing work glove material, compatibility, degradation, permeability time. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable.

Skin Protection: Wear long-sleeved overalls and safety footwear Wash body with soap and water after removing protective clothing.

Eye Protection: Wear airtight protective goggles

Respiratory Protection: Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration.

Environmental Exposure Controls
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Liquid	**Colour**	Grey
Odour	not available	**Water Solubility**	not available
Odour Threshold		**pH**	8
Melting / Freezing Point	not available	**Initial Boiling Point**	100 °C
Kinematic Viscosity	>20,5 mm2/sec (40°C)	**Flammability (solid, gas)**	not available
Auto-ignition	not available	**Flash Point**	not applicable
Lower Explosive Limit	not available	**Decomposition**	not available
Upper Explosive Limit	not available	**Vapor Pressure**	not available
Vapor Density (air=1)	not available	**Relative Density**	1,27 g/cm3 Temperature: 20 °C

Information with regard to physical hazard classes: Information not available

Other safety characteristics: Total solids (250°C / 482°F) 56,73 %

SECTION 10 – STABILITY & REACTIVITY

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.
Chemical stability: The product is stable in normal conditions of use and storage.
Possibility of hazardous reactions: No hazardous reactions are foreseeable in normal conditions of use and storage.
Conditions to avoid: None in particular. However, the usual precautions used for chemical products should be respected.
Incompatible materials: Information not available
Hazardous decomposition products: Information not available

SECTION 11 – TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.
It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Information on hazard classes as defined in Regulation (EC) No 1272/2008
Metabolism, toxicokinetics, mechanism of action and other information
Information not available
Information on likely routes of exposure
Information not available
Delayed and immediate effects as well as chronic effects from short and long-term exposure
Information not available
Interactive effects
Information not available

ACUTE TOXICITY
ATE (Inhalation) of the mixture: Not classified (no significant component)
ATE (Oral) of the mixture: Not classified (no significant component)
ATE (Dermal) of the mixture: Not classified (no significant component)

1,2-BENZISOTHIAZOL-3(2H)-ONE
LD50 (Oral): 450 mg/kg
LC50 (Inhalation mists/powders): 0,21 mg/l/4h

MIXTURE OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE (EINECS 247-500-7) AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (EINECS 220-239-6)
LD50 (Dermal): > 141 mg/kg
LD50 (Oral): 66 mg/kg
LC50 (Inhalation mists/powders): 0,17 mg/l/4h

Skin Corrosion / irritation	Does not meet the classification criteria for this hazard class
Eye Damage / irritation	Does not meet the classification criteria for this hazard class
Respiratory Sensitization	May produce an allergic reaction.

Germ Cell Mutagenicity	Does not meet the classification criteria for this hazard class
Reproductive Toxicity	Does not meet the classification criteria for this hazard class
Carcinogenicity	Does not meet the classification criteria for this hazard class
Specific Target Organ Toxicity - Single Exposure	Does not meet the classification criteria for this hazard class
Specific Target Organ Toxicity - Repeated Exposure	Does not meet the classification criteria for this hazard class
Aspiration hazard	Does not meet the classification criteria for this hazard class. Viscosity: >20,5 mm2/sec (40°C)

Information on other hazards
Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12 – ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

Toxicity
1,2-BENZISOTHIAZOL-3(2H)-ONE
LC50 - for Fish 2,2 mg/l/96h
EC50 - for Crustacea 3,27 mg/l/48h
EC50 - for Algae / Aquatic Plants 0,11 mg/l/72h
Chronic NOEC for Fish 0,21 mg/l
Chronic NOEC for Crustacea 1,2 mg/l

MIXTURE OF 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE (EINECS 247-500-7) AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (EINECS 220-239-6)
LC50 - for Fish 0,22 mg/l/96h OECD 203
EC50 - for Crustacea 0,1 mg/l/48h OECD 202
EC50 - for Algae / Aquatic Plants 0,048 mg/l/72h OECD 201
Chronic NOEC for Fish 0,098 mg/l OECD 215
Chronic NOEC for Crustacea 0,004 mg/l OECD 211
Chronic NOEC for Algae / Aquatic Plants 0,0012 mg/l OECD 201

Persistence and degradability
1,2-BENZISOTHIAZOL-3(2H)-ONE
NOT rapidly degradable

Bioaccumulative potential
1,2-BENZISOTHIAZOL-3(2H)-ONE
BCF - 6,62

Mobility in soil
1,2-BENZISOTHIAZOL-3(2H)-ONE
Partition coefficient: soil/water 0,97

Results of PBT and vPvB assessment
On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.
Endocrine disrupting properties
Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.
Other adverse effects
Information not available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods:
Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14 – TRANSPORT INFORMATION

Land Transport Rule: Hazardous Goods 2005 – NZS 5433:2007
There are no specific restrictions for this product (Not a Dangerous Good).

Shipping Name:	not applicable	**Packing Group:**	not applicable
UN #	not applicable	**HAZCHEM Code**	not applicable
Hazard Class:	not applicable	**Precautions:**	not applicable

SECTION 15 – REGULATORY INFORMATION

This product is not classified as Hazardous according to the criteria of the Hazardous Substances (Hazard Classification) Notice 2020.

Section 16 – OTHER INFORMATION

Abbreviations:

CAS Number	Unique Chemical Abstracts Service Registry Number
Controls Matrix	List of default controls linking regulation numbers to Matrix code
EC50	Ecotoxic Concentration 50% - concentration in water which is fatal to 50% of a test population (eg. Daphnia, fish species)
EPA	Environmental Protection Authority
HAZCHEM Code	Emergency action code of numbers and letters that provide information to emergency services, especially firefighters
HSNO	Hazardous Substances and New Organisms (Act & Regulations)
IARC	International Agency for Research on Cancer
LD50	Lethal Dose 50% - dose which is fatal to 50% of a test population (usually rats)
LC50	Lethal Concentration 50% - concentration in air which is fatal to 50% of a test population (usually rats)
MSDS (SDS)	Material Safety Data Sheet (Safety Data Sheet)
PES	Prescribes Exposure Standard means a WES or a biological exposure standard that is prescribed in a regulation, a safe work instrument or an approval under HSNO
STEL	Short Term Exposure Limit – The maximum airborne concentration of a chemical or biological agent to which a worker may be exposed in any 15-minute period, provided the TWA is not exceeded.
TWA	Time Weighted Average – generally referred to WES averaged over typical workday (usually 8 hours)
WES	Workplace Exposure Standard – The airborne concentration of a biological or chemical agent to which a worker may be exposed during work hours (usually 8 hours per day, 5 days per week) The WES relates to exposure that has been measured by personal monitoring using procedures that gather air samples in the workers breathing zone

Review

Date	Reason for Review
October 2026	Not applicable – New SDS

Disclaimer:

This SDS was prepared by Sealco Ltd and is based on our current knowledge, including information obtained by suppliers. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The SDS is given in good faith and constitutes a guideline (not a guarantee of safety). The level of risk each substance poses is relevant to its properties and how the substance is used. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.