



Tixoplast Sealant

Safety Data Sheet

July 2021

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product:

Product Name:	Tixoplast Lap Sealant
Other Names:	Not applicable
Product Code:	TIX
HSNO Approval:	HSR002662
Approval Description:	Surface Coatings & Colorants (Flammable) Group Standard 2017
UN Number:	UN1133
Proper Shipping Name:	ADHESIVES
DG Class:	3
Packing Group:	III
Hazchem Code:	3Y
Uses:	Bitumen Sealant

Company Details:

Company:	Sealco Limited
Address:	Unit 5, 18 Taurus Place, Bromley, Christchurch PO Box 35-190, Shirley, 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 has been approved under the Hazardous Substances and New Organisms Act (HSNO, Approval HSR002662, Surface Coatings & Colourants (Flammable) Group Standard 2017). The substance has been classified as hazardous according to the criteria in the Hazardous substances (Minimum Degrees of Hazard) Notice 2017.

Classes:

3.1C
6.3B
6.4A
6.9B (Narcotic)
9.1D

Hazard Statements:

H226 - Flammable liquid & vapour
H316 - Causes mild skin irritation
H320 - Causes eye irritation
H336 - May cause drowsiness or dizziness
H402 - Harmful to aquatic life

Signal Word: Warning

DANGER Symbols



Other Classifications:

There are no other classifications that are known to apply

Precautionary Statements:

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P103 - Read label before use

P210 - Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P241 - Use explosion-proof electrical equipment

P242 - Use only non-sparking tools

P243 - Take precautionary measures against static discharge

P261 - Avoid breathing vapours

P264 - Wash hands thoroughly after handling

P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

P280 - Wear protective gloves / eye protection / face protection

Response

P332+P313 - If skin irritation occurs, Get medical advice / attention

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313+P337 - If eye irritation persists seek medical advice / attention

P304+P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing

P312 - Call a POISON CENTER or doctor if you feel unwell.

Storage

P403+P235 - Store in a well-ventilated place. Keep cool.

P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with local regulations.

SECTION 3 – INFORMATION ON INGREDIENTS

CAS / Identification	Component	Conc (%)
123-86-4	n-butyl acetate	10 – 30
8052-42-4	Modified liquid asphalt	Balance

SECTION 4 – FIRST AID MEASURES

Description of First Aid Measures

Inhalation: Supply fresh air; consult doctor in case of complaints.

Skin: Generally, the product does not irritate the skin

Eyes: Rinse opened eye for several minutes under running water.

Ingestion: If swallowed, get medical attention. Give a glass of water to drink. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically

Most Important Symptoms/Effects Acute and Delayed: No further relevant information available.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: CO₂, powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reason - Unsuitable Extinguishing Media: Do not use high-pressure water streams.

Special Hazards Arising from the Chemical: No further relevant information available.

Hazardous Combustion Products: Carbon dioxide, and if combustion is incomplete; carbon monoxide and smoke

Fire Fighting Measures: Protective equipment: Mouth respiratory protective device.

Hazchem Code: 3Y

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Ensure adequate ventilation

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Pick up mechanically. Ensure adequate ventilation.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling:

Use only in well ventilated areas.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

Specific end use(s): No further relevant information available.

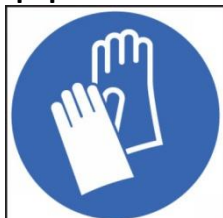
SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION

NZ Workplace Exposure Standards

Ingredient	CAS	WES-TWA	WES-STEL
n-butyl acetate	123-86-4	150 ppm / 713 mg/m ³	200 ppm / 950 mg/m ³
Modified liquid asphalt	8052-42-4	5mg / m ³	Not available

*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:



Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Respiratory protection: Not required.

Protection of hands: Use of Nitrile gloves is recommended. Replace frequently. Check for holes or tears before use.

Eyes: Avoid contact with eyes. Use of safety glasses is recommended.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Viscous liquid	Colour	Various
Odour	Solvent like odour		
Odor Threshold	Undetermined	pH	Undetermined

Boiling Point Range	124°C	Freezing / Melting Point	Undetermined
Explosive Properties	Undetermined	Flash Point	23 – 60°C
Flammability	Not applicable	Ignition Temperature	370°C
Auto-ignition	Is not self-igniting	Decomposition Temp.	Undetermined
Lower Explosive Limit	1.2 Vol % Undetermined	Upper Explosive Limit	7.5 Vol % Undetermined
Vapor Density (air=1)	Undetermined	Relative Density	Undetermined
Evaporation Rate	Undetermined	Viscosity	Undetermined
Solubility in Water	Insoluble in water	VOC (EC)	11.81 %, 157.0 g/l

SECTION 10 – STABILITY & REACTIVITY

Reactivity	No further relevant information available.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	No dangerous reactions known.
Conditions to Avoid	Flammable substance. Keep away from ignition sources.
Incompatible Materials	No further relevant information available
Hazardous decomposition products	No dangerous decomposition products known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

Primary irritant effect:

Skin corrosion/irritation - Based on available data, the classification criteria are not met.

Serious eye damage/irritation - Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation - Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - single exposure: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bio-accumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:**General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations. Must not be disposed together with household garbage. Do not allow product to reach sewage system.

SECTION 14 – TRANSPORT INFORMATION

Land Transport Rule: Hazardous Goods 2005 – NZS 5433:2007

Transport according to NZS 5433 (Transport of Hazardous Substances on Land). Considered a dangerous good for transport.

Shipping Name:	ADHESIVES	Packing Group:	III
UN #	UN1133	HAZCHEM Code	3Y
Hazard Class:	3	Precautions:	Flammable Liquid

SECTION 15 – REGULATORY INFORMATION

This product is an approved substance under the Hazardous Substances and New Organisms Act (HSNO) Approval HSR002662, Surface Coatings and Colourants (Flammable) Group Standard 2017.

Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)**Key Workplace requirement are:**

SDS	To be available in 10 minutes any workplace storing any quantity
Inventory	An inventory of all hazardous substances must be prepared and maintained
Packaging	All hazardous substances should be appropriately packaged, including substances that have been decanted, transferred, or manufactured for own use or have been supplied
Labelling	Must comply with the Hazardous Substances (Labelling) Notice 2017
Emergency Plan	Required if > 1000L is stored
Certified Handler	Not required
Tracking	Not required
Bunding & Secondary Containment	Required if > 1000L is stored
Signage	Required if > 1000 L is stored in one location
Location Compliance Certificate	Required if > 100L (containers > 5L), 250 L (≤5L containers) 50L (in use) is stored in any one location
Flammable Zone	Must be established if > 1500L (closed containers), 25L (decanting), 5L (open occasionally), 1L (in use) is stored in any one location
Fire Extinguisher	If > 500L is present

*Note: The above workplace requirements apply if only this substance is present. The complete set of controls for a location will depend on the classification and quantity of other substances present in that location.

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)
NZIoC	New Zealand Inventory of Chemicals
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	Version
July 2021	Update business address	2

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.