



EpiSEAM EPDM Lap Primer

Safety Data Sheet

Nov 2025

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product:

Product Name: EpiSEAM Lap Primer
Other Names: Mulehide Tape Primer
Product Code: ESSA1, ESSA4
HSNO Approval: HSR002662
Approval Description: Surface Coatings & Colorants (Flammable) Group Standard 2020
UN Number: UN1133
Proper Shipping Name: ADHESIVES – Flammable liquid
DG Class: 3
Packing Group: II
Hazchem Code: 3YE
Uses: Primer

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 2020). The substance has been classified as hazardous according to the criteria in the Hazardous substances (Hazard Classification) Notice 2020.

Classes:

Hazard Statements:

Flammable liquids – Category 2	H225 - Highly flammable liquid and vapor.
Skin irritation – Category 2	H315 - Causes skin irritation
Skin sensitization – Category 1	H317 - May cause an allergic skin reaction
Eye irritation – Category 2A	H319 - Causes serious eye irritation
STOT – single exposure (narcotic effects) Category 3	H336 - May cause drowsiness or dizziness
Toxic to reproduction – Category 1B	H360 - May damage fertility or the unborn child
STOT – repeated exposure – Category 2	H373 - May cause damage to organs through prolonged or repeated exposure.

DANGER Symbols



Other Classifications:

There are no other classifications that are known to apply

Precautionary Statements:

Prevention

- 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
- P201** - Obtain special instructions before use
- P202** - Do not handle until all safety precautions have been read and understood
- 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
- P260** - Do not breathe vapours
- P264** - Wash hands thoroughly after handling
- P270** - Do not eat, drink, or smoke when using this product
- 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

- P301+P312** - If SWALLOWED. Call a POISON CENTRE or doctor if you feel unwell
- P330** - Rinse mouth
- P331** - Do NOT induce vomiting
- P302+P352** - **IF ON SKIN:** Wash with plenty of soap and water
- P332+P313** - If skin irritation occurs, Get medical advice / attention
- P362** - Take off contaminated clothes and wash before re-use
- 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
- P308+313** - If exposed or concerned, get medical advice / attention
- P304+P340** - **IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing
- P391** - Collect spillage

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

Substance/mixture: Mixture

Other means of identification: Not available

CAS / Identification	Component	Conc (%)
108-88-3	Toluene	≥60 - ≤80
64742-49-0	Heptane, branched, cyclic and linear	≥5 - ≤10
77-58-7	Dibutyltin dilaurate	≥0.1 - ≤1.0

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4 – FIRST AID MEASURES

Description of Necessary Measures

IF exposed or concerned: Get medical advice/attention.

Inhalation - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if not breathing. Call a POISON CENTER or doctor if you feel unwell.

Skin - Remove/Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin irritation occurs, get medical advice/attention.

Eyes - Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Ingestion - If swallowed, do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

Most Important Symptoms/Effects

Acute - Causes skin irritation. Causes serious eye irritation. Causes damage to organs: central nervous system, respiratory system, kidneys, liver. May cause respiratory irritation. May cause drowsiness or dizziness. May cause gastrointestinal irritation.

Delayed - Causes damage to organs through prolonged or repeated exposure: central nervous system, respiratory system, kidneys, Hematopoietic System. May cause damage to organs through prolonged or repeated exposure: liver, spleen, Cardiovascular system.

Note to Physicians - In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments - No specific treatment.

Protection of first-aiders - No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it or wear gloves.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable Extinguishing Media

Do not use high-pressure water streams.

Special Hazards Arising from the Chemical

Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Hazardous Thermal Decomposition Products

Decomposition products may include the following materials:
carbon dioxide, carbon monoxide, nitrogen oxides

Fire Fighting Measures

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Wear full protective firefighting gear including self-contained breathing apparatus (SCBA) for protection against possible exposure.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.

Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy.

Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

KEEP OUT OF REACH OF CHILDREN.

Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage, Including any Incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area.

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

See Section 10 for incompatible materials before handling or use.

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 3mg/m³ for respirable particulates and 10mg/m³ for inhalable particulates when limits have not otherwise been established.

NZ Workplace Exposure Standards

Ingredient	CAS	WES-TWA	WES-STEL
Toluene	108-88-3	50 ppm, 188 mg/m ³ (skin)	Not available
Dibutyltin dilaurate	77-58-7	Not available	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.

Engineering Controls:

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Environmental Exposure Controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal Protective Equipment:



Eyes: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection: Wear chemical protective clothing & boots to prevent repeated or prolonged skin contact. Wear impervious gloves, if needed, to prevent repeated or prolonged skin contact.

Respiratory Protection: An approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Liquid	Physical State	Liquid
Odour	Hydrocarbon	Colour	Brown
Odour Threshold	Not available	pH	Not available
Melting/ Freezing Point	-95°C (-139°F)	Boiling Point	90 to 111°C (194 to 231.8°F)
Auto-ignition	230°C (446°F)	Evaporation Rate	2.5 (butyl acetate = 1)
Lower Explosive Limit	1%	Flammability	Not available
Upper Explosive Limit	7%	Flash Point	Open cup: -7.2°C (19°F)
Vapor Density (air=1)	3.2	Decomposition Temp	Not available
Water Solubility	Insoluble	Vapor Pressure	3.3 kPa (24.9 mm Hg)
Relative Density	0.88	Viscosity	Dynamic: <200 mPa·s (<200 cP)

SECTION 10 – STABILITY & REACTIVITY

Reactivity	No specific test data available for this product
Chemical Stability	Stable under normal conditions of use
Possibility of Hazardous Reactions	Hazardous polymerization will not occur
Conditions to Avoid	Avoid fire, sparks, static electricity and hot surfaces
Incompatible Materials	Oxidizing materials
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources, and the following selected endpoints are published:

Toluene (108-88-3)

Inhalation LC50 Rat 49g/m³ 4 hours

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Oral LD50 Rat >5840 mg/kg

Dermal LD50 Rabbit >2200 mg/kg

Inhalation LC50 Rat >23.3 mg/l 4 hours

dibutyltin dilaurate (77-58-7)

Oral LD50 Rat 175 mg/kg

Information on Likely Routes of Exposure

Inhalation - Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.

Skin Contact - Causes skin irritation. May cause an allergic skin reaction.

Eye Contact - Causes serious eye irritation.

Ingestion – Can cause central nervous system (CNS) depression.

Immediate Effects

Irritating to skin, drowsiness/fatigue, dizziness/vertigo

Delayed Effects

Not available

Potential Chronic Health Effects

General May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity No known significant effects or critical hazards.

Mutagenicity No known significant effects or critical hazards.

Reproductive toxicity May damage fertility or the unborn child

Additional Data - No additional information available

SECTION 12 – ECOLOGICAL INFORMATION

Toxicity

Product/ingredient name	Result	Species	Exposure
Toluene	Acute EC50 >433 ppm Marine water	Algae - <i>Skeletonema costatum</i>	96 hours
	Acute EC50 11600 µg/l Fresh water	Crustaceans - <i>Gammarus pseudolimnaeus</i> - Adult Daphnia	48 hours
	Acute EC50 6000 µg/l Fresh water	<i>Daphnia magna</i> -Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 5500 µg/l Fresh water	Fish - <i>Oncorhynchus kisutch</i> - Fry	96 hours
	Chronic NOEC 1 mg/l Fresh water	Daphnia - <i>Daphnia magna</i> Algae	21 days
dibutyltin dilaurate	Chronic EC10 >2 mg/l Fresh water	<i>Desmodesmus subspicatus</i>	96 hours

Conclusion/Summary: Aquatic Chronic 3
Degradability – Readily biodegradable
Soil – No evidence of soil toxicity
Other adverse effects: No known significant effects or critical hazards

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national regulations.

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:	ADHESIVE	Packing Group:	II
UN #	UN1133	HAZCHEM Code	3YE
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 2020).

Specific Workplace Controls (as per HSNO approval referenced to Controls Matrix)

Key Workplace requirements are:

SDS	To be available in 10 minutes of 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 > 250 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 > 100L (closed containers), 25L (decanting), 5L (open occasionally), 1L (in use) is stored in any one location
Fire Extinguisher	If > 250L is present

Section 16 – OTHER INFORMATION

Other Information

HMIS Rating

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

NFPA Ratings

Health: 2 Fire: 3 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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
LEL	Lower Explosive Limit
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.
STOT	Specific Target Organ Toxicity
TWA	Time Weighted Average – generally referred to WES averaged over typical workday (usually 8 hours)
UEL	Upper Explosive Limit
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
November 2025	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.