



ElectroPrime Conductive Primer

Safety Data Sheet

Date: June 2026

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product:

Product Name: ElectroPrime Conductive Primer
Other Names: N/A
Product Code: EPCP
HSNO Approval: Non-hazardous

Uses: Water Based Conductive Primer

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

Classification of the substance:

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: Not Applicable

Precautionary Statements:

Storage: Store in well-ventilated place. Keep container tightly Closed.

Potential Health Effects:

Principle Routes of Exposure: Inhalation, Eye Contact, Skin Contact
Inhalation: Avoid Inhalation, **Chlorothalonil** may be fatal if inhaled.

Eye Contact: May cause mechanical irritation. Avoid contact with eyes.
Chlorothalonil causes redness and tearing.

Skin Contact: May cause irritation, soiling and skin drying. Avoid contact with skin. **Chlorothalonil** may cause allergic skin reaction.

Ingestion: Adverse effects are not expected. (See Section 11).

Carcinogenicity: Carbon Black Ingredient is listed as an IARC (International Agency for Research on Cancer) Group 2B substance (possible carcinogen to humans). (See Section 11).

SECTION 3 – INFORMATION ON INGREDIENTS

CAS / Identification	Component	% (w/)
Proprietary	Epoxy Modified Dispersion	35.0 - 45.0
27253-31-2	Cobalt Neodecanoate	0.07 - 0.08
1897-45-6	Chlorothalonil	0.08 - 0.10
4080-31-3	1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	0.04 - 0.08
1333-86-4	Carbon Black	5.00 - 15.00
124-68-5	2-Amino-2-methyl-1-propanol Solution	0.30 - 0.35
34590-94-8	Dipropylene Glycol Monomethyl Ether	1.50 - 2.50

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the chemical is removed, while holding the eyelid(s) open. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

Skin Contact: Wash gently and thoroughly with water and non-abrasive soap for at least 20 minutes or until chemical is removed. If redness, itching, or a burning sensation develops, get medical attention.

Inhalation: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

Ingestion: If ingested give one or two glasses of water to drink and get medical attention immediately.

Protection of First Aiders: First Aid responders should pay attention to self-protection and use the recommended personal equipment when the potential for exposure exists.

Note to Physicians: Treat symptomatically and supportively.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: This product is not Combustible, however if it involved in a fire use: Foam, dry chemical, carbon dioxide and water spray.

Special Hazard rising from the Substance or Mixture:

Hazardous Combustion Products: Carbon monoxide, carbon dioxide, oxides of sulfur and irritating or toxic vapors and gases.

Fire Fighting Instructions: Firefighters and others exposed to vapors or products of combustion should wear self-contained breathing apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Small Spill: Absorb the liquid with inert material (such as sand or earth) and place it in a chemical waste container.

Large Spill: Persons not wearing protective equipment (see Section 8) should be evacuated from area of spill until cleanup has been completed. Stop leak at source when it is safe to do so. Dike and pump the liquid into waste container.

Environmental Precautions: Prevent from entering soil, ditches, sewers, waterways and/or groundwater (See Section 12).

SECTION 7 – HANDLING & STORAGE

Handling Procedures: Avoid prolonged or repeated inhalation of heated vapors or spray mists. Avoid prolonged or repeated skin contact. Do not get in eyes, skin, and clothing. Do Not swallow. Wash thoroughly after handling.

Storage: Store in cool, dry, well ventilated area out of direct sunlight, and away from heat and ignition sources. Keep containers closed. Keep from freezing.

SECTION 8 – EXPOSURE CONTROL & PERSONAL PROTECTION

NZ Workplace Exposure Standards

Ingredient	CAS	WES-TWA	WES-STEL
Cobalt Neodecanoate	27253-31-2	Not available	Not available
Chlorothalonil	1897-45-6	Not available	Not available
1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	4080-31-3	Not available	Not available
Carbon Black	1333-86-4	3mg/m ³	Not available
2-Amino-2-methyl-1-propanol Solution	124-68-5	Not available	Not available
Dipropylene Glycol Monomethyl Ether	34590-94-8	100 ppm / 606 mg/m ³	150 ppm / 909 mg/m ³

Engineering Controls: General Ventilation is required during normal use. Local ventilation may be required during certain operations that generate fumes or spray mists.

Respiratory Protection: A canister type respirator may be necessary if spray mists, or fumes are generated.

Skin Protection: Use long sleeve impervious overalls, Nitrile, neoprene, or rubber gloves

Eye and Face Protection: Safety goggles with side shields. Facilities storing or utilizing this product should be equipped with an eyewash station and safety shower.

Footwear: Safety shoes

Other: Handle in accordance with good industrial hygiene and safety practice. Emergency eyewash and safety shower should be located nearby.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance	Black liquid	Physical State	Viscous Liquid
Odour	Odourless	Colour	Black
Odour Threshold	Not established	pH	8.0 – 8.5
Critical Temperature	Not established	Boiling Point	100°C
Freezing Point	0°C	Evaporation Rate	Slower than n-Butyl Acetate
Volatiles	60 – 80% by weight	Vapor Pressure	Not established
Vapor Density (air=1)	Not established	Specific Gravity (water=1)	1.032 g/cm ³
Solubility in Water	Dispersible	Partition coefficient	Not established
Viscosity	60-70 K.U @25°C	VOC	<100 g/L

SECTION 10 – STABILITY & REACTIVITY

Chemical Stability & Reactivity	Product is normally stable to heat, light and air. Not reactive.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Prevent exposure to high temperature > 300 C and open flames. Keep from freezing.
Incompatible Materials	No incompatibilities have been identified.
Hazardous decomposition products	Thermal decomposition may form; carbon monoxide, carbon dioxide, oxides of sulfur and various hydrocarbons.
Materials to Avoid	Strong oxidizers such as chlorates, bromates, and nitrates.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: The product Acute Toxicity is not classified based on available information.

Ingredients:

Acute Toxicity:

Component	Exposure Limits
Cobalt Neodecanoate (CAS # 27253-31-2)	LD50 Dermal Rat, > 2,000 mg/kg 24 h. LD50 Oral Rat, 1098 mg/kg
Chlorothalonil (CAS#1897-45-6)	LD50 Dermal Rabbit > 2,000 mg/kg (RTECS) LD50 Oral Rat > 5,000 mg/kg (RTECS) LC50 Inhalation Rat 0.078 mg/l, 4h (RTECS)
1-(3-Chloroallyl)-3,5,7-triaza-1- azoniaadamantane chloride (CAS#4080-31-3)	LD50 Dermal Rabbit > 5,000 mg/kg LD50 Oral Rat 1,000 mg/kg LC50 Inhalation Rat dust / mist 5.2 mg/l, 4h No Deaths occurred at this concentration
Carbon Black (CAS# 1333-86-4)	LD50 Oral Rat > 8,000 mg/kg
2-Amino-2-methyl-1-propanol Solution (CAS#124-68-5)	LD50 Oral Rat 2,900 mg/kg LD50 Dermal Rabbit > 2,000 mg/kg
Dipropylene Glycol Monomethyl Ether (CAS# 34590-94-8)	LD50 Dermal Rat > 9,500 mg/kg LD50 Oral Rat > 5,000 mg/kg LC50 Inhalation Rat > 275 ppm 7 h

Skin Corrosion / Irritation: Not classified based on available information

Serious Eye Damage / Eye Irritation: Not classified based on available information

Ingredients:

2-Amino-2-methyl-1-propanol Solution (CAS#124-68-5) : May cause sévère irritation with corneal injury which may result in permanent impairment of vision.

Sensation: Not classified based on available information

Carcinogenicity:

This product contains Cobalt Compounds which is listed by the International Agency for Research on cancer (IARC) as a Group 2B cancer causing agent (possibly carcinogenic to humans).

The International Agency for Research on Cancer (IARC) has classified Carbon Black in Group 2B, possibly carcinogenic to humans.

Germ Cell Teratogenicity: Not available

Reproductive toxicity: Not available

STOT Single Exposure: Not available

STOT Repeated Exposure: Not available

Aspiration Toxicity: Not available

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic Toxicity: Not classified based on available information

Ingredients:

Fish Acute & Prolonged Toxicity:

Carbon Black:

Acute Fish Toxicity:

LC50 (24 h) > 5,600 mg/l Daphnia Magna (Waterflea) (OECD Guideline 202)

2-Amino-2-methyl-1-propanol Solution :

LC50 Lepomis macrochirus (Bluegill Sunfish), static test 190 mg/l , 96 h

LC50 European Plaice (Pleuronectes Platessa), semi-static test, 184 mg/l 96 h

LC50 Leuciscus idus (Golden Orfe) , static test , 331 mg/l 48 h

Aquatic Invertebrate Acute Toxicity:

Carbon Black

Acute Algae Toxicity:

EC50 (72 h) > 10,000 mg/l , Scenedesmus subspicatus (OECD Guideline 201)

NOEC 50 > 10,000 mg/l, Scenedesmus subspicatus (OECD Guideline 201)

2-Amino-2-methyl-1-propanol Solution :

LC50 Cragon (Shrimp), semi-static test survival 179 mg/l 96 h

LC50 Daphnia Magna (Water Flea), static test survival 193 mg/l 48 h

Aquatic Plant Toxicity:

1 - (3-Chloroallyl)-3, 5, 7-triaza-1-azoniaadamantane chloride: is highly toxic to aquatic organisms on an acute basis (LC50/EC50 between 0.1 and 1 mg/L in the most sensitive species tested). This material is slightly toxic to birds on a dietary basis (LC50 between 1001 and 5000 ppm).

Carbon Black

Behavior in Water Treatment Plants:

Activated Sludge, ECO)3 h) > 800 mg/l. DEV L3 (TTC test)

2-Amino-2-methyl-1-propanol Solution :

EyC50 alga Scenedesmus sp, static test, biomass growth inhibition, 565.5 mg/l 72 h

Toxicity to Micro-organisms:

Carbon Black:

EC50 activated sludge test (OECD 209), Respiration Inhibition, 342.9 3.0 h

Persistence and Degradability:

Carbon black: is not soluble in water. And is not expected to degrade and potential bioaccumulation is not expected.

2-Amino-2-methyl-1-propanol Solution :

OECD 301F Biodegradation tests : Exposure Time : 28 d , Biodegradation : 89.3 % , 10day Window : Pass

Dipropylene Glycol Monomethyl Ether: Rapidly degradable, (28 days in a ready biodegradable test)

Bioaccumulative Potential:

Carbon Black: Potential bioaccumulation is not expected because of the physicochemical properties of the carbon black.

2-Amino-2-methyl-1-propanol Solution :

Bioconcentration potential is low (BCF < 100 or Log Pow < 3)

Partition Coefficient, n-octanol/water (log Pow) : -0.63 Shake flask (OECD 107 Test)
Bioconcentration Factor (BCF) : < 1 Fish, measured.

Mobility in Soil:

2-Amino-2-methyl-1-propanol Solution :

Mobility in Soil : Potential Mobility in soil is very high (Koc between 0 and 50)
Partition Coefficient, Soil Organic Carbon / Water (Koc) : 18 Estimated
Henry's Law Constant (H) : 6.82 E-08 atm*m3/mole, 25 C Estimated

Results of PBT and vPvB Assessment:

2-Amino-2-methyl-1-propanol Solution :

This substance is readily biodegradable and thus is not considered persistent or very persistent (P or vP).

Other Adverse Effects: Not classified based on available information

SECTION 13 – DISPOSAL CONSIDERATIONS

Disclaimer: Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers or liners. State/provincial and local regulations may be different from federal regulations.

Waste Disposal Methods: Waste should not be released to sewers. Product as supplied can be burned in suitable incineration facilities or should be disposed of in accordance with the regulations issued by appropriate federal, state, and local authorities. Do not Allow the absorbed material to dry and landfill.

SECTION 14 – TRANSPORT INFORMATION

Land Transport Rule: Dangerous Goods 2005 – NZS5433:2007 – 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
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)
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
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
July 2021	Not applicable – New SDS
June 2025	5 Yearly review

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.