



SAFETY DATA SHEET



SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME

PETRALASTIC

RECOMMENDED USES

Petralastic- Improves adhesion to most substrates, Improved water resistance, Increased flexural strength, Increased resistance to freezing and thawing, Reduced water-cement ratios.

RESTRICTIONS ON USE OR SUPPLY

Petralastic should only be used in accordance with the manufacturer's specifications.

MANUFACTURER/IMPORTER'S CONTACT DETAILS

Petros Holdings Limited,

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Auckland, New Zealand

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Emergency Telephone: 0800 764 766 (National Poisons Centre)

SECTION 2 – HAZARD IDENTIFICATION

CLASSIFICATION

Class	Hazard Code	Hazard Statement	GHS Category
	H302	Acute Toxicity (Oral)	4
6.3A	H315	Causes skin irritation	2
6.5B	H317	May cause an allergic reaction	1
8.3A	H318	Causes serious eye damage	1
9.1C	H412	Harmful to aquatic life	3

HAZARD INFORMATION

Classification of the substance or mixture:

Not classified for physical or health hazards under GHS.

Hazard statements: None
Precautionary statements:

If medical advice is needed, have product container or label at hand. Keep out of reach of children.

Read label before use.

TradeSecret:

A trade secret is being claimed for a specific chemical identity and exact percentages.

Prevention Code	Prevention Statement
P102	Keep out of reach of children
P103	Read label before use
P264	Wash hands thoroughly after handling

P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release into the environment
P280	Wear protective clothing



SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Those listed with CAS numbers below.

PERCENTAGES BY WEIGHT OR VOLUME

Ingredients	Weight %	CAS Number
Deionised Water	30 - 60%	7732-18-5
Carboxylated styrene-butadiene polymer	30 –60%	Cas Proprietary

SECTION 4 – FIRST AID MEASURES

EYE CONTACT

After eye contact: Protect unexposed eye. Rinse or flush exposed eye gently using water for 15-20 minutes. Remove contact lenses while rinsing. Seek medical attention if irritation persists or concerned.

INHALATION

After inhalation: Loosen clothing as necessary and position individual in a comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Seek medical assistance if cough or other symptoms appear.

INJECTION

After swallowing: Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

SKIN CONTACT

After skin contact: Wash hands and exposed skin with soap and plenty of water. Seek medical attention if irritation persists or concerned.

SECTION 5 – FIRE-FIGHTING MEASURES

APPROPRIATE FIRE-FIGHTING AGENTS
Dry chemicals, foam, or water may be used to extinguish a fire in an area where Petralastic is located.
INAPPROPRIATE FIRE-FIGHTING AGENTS
Contains Calcium Carbonate in the form of non-hydrated industrial fine lime. This may decompose when doused with water and give off substantial quantities of carbon dioxide.
NATURE OF COMBUSTION AND SPECIFIC FIRE RISKS
Not combustible. Dry chemicals, foam, or water may be used to extinguish a fire in an area where Petralastic is located.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS
No product-specific fire-fighting procedures are required.

SECTION 6 – ACCIDENTAL RELEASE MEASURES
PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES
Ensure adequate ventilation. Ensure that air-handling systems are operational. Wear eye protective equipment as detailed in Section 8. Clear area of any unprotected personnel.
ENVIRONMENTAL PRECAUTIONS FROM ACCIDENTAL SPILLS AND RELEASE
Should not be released into environment. Prevent from reaching drains, sewer, or waterway.
ADVICE ON HOW TO CONTAIN AND CLEAN UP A SPILL OR RELEASE
Wear protective eyewear, gloves, and clothing. Refer to Section 8. Containerize for disposal. Refer to Section 13. If necessary use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable close containers for disposal. Absorb with suitable material. Collect and dispose of according to local regulations.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

- Keep out of reach of children.
- Read label before use.
- Wash hands thoroughly after handling.
- Mix only outdoors or in a well-ventilated area.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing (safety glasses, gloves etc.)

CONDITIONS FOR SAFE STORAGE

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in a well-ventilated area.
- Rotate stock to ensure the oldest is used first. Stock older than six months should be discarded.

INCOMPATIBILITIES

None known

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Substance	Ppm (mg/m ³)
Deionised Water	Nil
Carboxylated styrene-butadiene polymer	: No value assigned for this specific material by WorkSafe New Zealand.

Applies to any 15-minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents.

ENGINEERING CONTROLS

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits

PERSONAL PROTECTIVE EQUIPMENT

Eyes	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits When mixing or using product safety goggles complying with NZS 1716:1994 are recommended.
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Hands and skin	Impervious, abrasion resistant gloves, boots, and protective clothing are required to protect the skin from prolonged contact with product. The use of barrier creams for exposed skin should be considered. After working, wash skin well with soap and water. Ensure there is no build-up of product in protective clothing.
Respiratory	The use of appropriate dust masks complying with NZS 1716:1994, or a P2, or P3 respirator, are recommended when mixing Petralastic.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE	Liquid, White
ODOUR	Sweet and slight
ODOUR THRESHOLD	Low
pH	Alkaline (6 < 9)
MELTING POINT / FREEZING POINT	Approx. 0 Celsius
INITIAL BOILING POINT / BOILING RANGE	100 Celsius at 17mm Hg
FLASH POINT	Not available
FLAMABILITY (SOLID / GAS)	Non-flammable.
UPPER / LOWER FLAMABILITY OR EXPOSURE LIMITS	Not available
VAPOUR PRESSURE	17mm HG @ 20 Celsius
VAPOUR DENSITY	<1
RELATIVE DENSITY	Not determined
SOLUBILITY	Not available
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
KINEMATIC VISCOSITY	Not available

SECTION 10 – STABILITY AND REACTIVITY**CHEMICAL REACTIVITY AND STABILITY (NORMAL AND ANTICIPATED STORAGE AND HANDLING CONDITIONS)**

Nonreactive under normal conditions.

CONDITIONS TO AVOID HAZARDOUS SITUATIONS

Stable under normal conditions. None under normal processing.

INCOMPATIBLE SUBSTANCES OR MATERIALS

Strong oxidising agents

INFORMATION ON HAZARDOUS DECOMPOSITION

Carbon oxides.

SECTION 11 – TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

Nil

ASPIRATION HAZARD**RESPIRATORY IRRITATION****SKIN CORROSION / IRRITATION**

This product is mildly alkaline and may irritate the skin if exposed for long periods. If product comes into contact with skin, wash it off with water.

SERIOUS EYE DAMAGE / IRRITATION

Avoid contact with eyes. This product is alkaline and may burn the surface of the eye. If the product comes into contact with eyes, wash the eyes with cold or tepid water until all of the product has been removed. Seek medical attention if necessary.

RESPIRATORY OR SKIN SENSITISATION

No known effect

GERM CELL MUTAGENICITY

No known effect

CARCINOGENICITY

REPRODUCTIVE TOXICITY
No known effect
SPECIFIC ORGAN TOXICITY (REPEATED AND SINGLE EXPOSURE)
No known effect
NARCOTIC EFFECTS
No known effect

SECTION 12 – ECOLOGICAL INFORMATION
ECOTOXICITY (AQUATIC AND TERRESTRIAL)
HSNO Classes: 9.1C = Harmful to aquatic life with long lasting effects.
PERSISTENCE AND DEGRADABILITY
No data available
BIOACCUMULATIVE POTENTIAL
No data available
MOBILITY IN SOIL
No data available
OTHER ADVERSE EFFECTS
Do not allow to enter waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS
APPROPRIATE DISPOSAL METHODS
Triple rinse buckets and dispose of packaging and waste according to local regulations.
PRECAUTIONS TO BE TAKEN DURING DISPOSAL
Avoid release to the environment
INAPPROPRIATE DISPOSAL METHODS
Waterways or stormwater systems

14. TRANSPORTATION REQUIREMENTS
This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2012

SECTION 15 – REGULATORY INFORMATION
HSNO APPROVAL NUMBER

EPA Approval Code: Construction Products (subsidiary) – HSR002544

TOLERABLE EXPOSURE LIMIT / ENVIRONMENTAL EXPOSURE LIMIT

Not classified

OTHER REGULATORY REQUIREMENTS

HSNO Classification: 6.3A, 6.5B, 8.3A, 9.1C

SECTION 16 – OTHER INFORMATION

DATE OF THIS PUBLICATION

10 September 2021

DISCLAIMER

Glossary

EPA -Environmental Protection Authority

HSNO-- Hazardous Substances and New Organisms.

LC50- Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.

LD50 -Lethal dose to kill 50% of test animals/organisms.

LEL- Lower explosive level.

OSHA- American Occupational Safety and Health Administration.

TEL -Tolerable Exposure Limit.

TLV -Threshold Limit Value-an exposure limit set by responsible authority.

UEL- Upper Explosive Level

WES- Workplace Exposure Limit

Disclaimer

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