

Safety Data Sheet

PRIMER PER AQUAFLEX

Safety Data Sheet dated: 12/05/2020 - version 1

Section 1. Identification of the substance and supplier

Product identifier

Mixture identification:

Trade name: PRIMER PER AQUAFLEX

Trade code: 3A99806

Recommended use of the chemical and restrictions on use

Recommended use: Solvent-borne primer

Uses advised against: Data not available

Supplier's details

Company: MBP (NZ) Ltd. - 88 Carbine Road, Mount Wellington, Auckland 1060, New Zealand
enquiries@MBPLtd.co.nz - www.MBPLtd.co.nz

Emergency phone number

New Zealand Poisons Centre: Ph: 0800 764 766

Section 2. Hazards identification

HSNO hazard classification

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2017.

HSNO classification:

- | | |
|-----------------------------------|---|
| 3.1C | H226 - Flammable liquid and vapour. |
| 6.1E (respiratory tract irritant) | H335 - May cause respiratory irritation. |
| 6.9B (narcotic effects) | H336 - May cause drowsiness or dizziness. |
| 6.1E (aspiration) | H304 - May be fatal if swallowed and enters airways. |
| 9.1B | H411 - Toxic to aquatic life with long lasting effects. |

Hazard information

Pictograms and Signal Words



Warning

Hazard statements:

- | | |
|------|--|
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements:

- | | |
|----------------|--|
| P210 | Keep away from heat/sparks/open flames/hot surfaces. — No smoking. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P261 | Avoid breathing mist/vapours/spray. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |

P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use a foam fire extinguisher for extinction.
P391	Collect spillage.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with applicable regulations.

Other hazards which do not result in a classification

No other hazards

Section 3. Composition/information on ingredients

Substances

N.A.

Mixtures

Mixture identification: PRIMER PER AQUAFLEX

Hazardous components within the meaning of HSNO Act and related classification

Quantity	Name	Ident. Numb.	Classification
≥50 - <75 %	hydrocarbons C9 aromatics	CAS:64742-95-6 EC:918-668-5	3.1C, H226; 9.1B, H411; 6.1E (aspiration), H304; 6.1E (respiratory tract irritant), H335; 6.9B (narcotic effects), H336
≥10 - <20 %	bis(isopropyl)naphthalene	CAS:38640-62-9 EC:254-052-6	6.1E (aspiration), H304; 9.1A, H410

Section 4. First aid measures

Description of necessary first aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

- Wash immediately with water.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

- In case of inhalation, consult a doctor immediately and show him packing or label.

Indication of immediate medical attention and special treatment needed, if necessary

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Most important symptoms/effects, acute and delayed

N.A.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media:

- In case of fire: Use a foam fire extinguisher for extinction.

Unsuitable extinguishing media:

- None in particular.

Specific hazards arising from the chemical

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: N.A.
- Explosive properties: N.A.
- Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Move undamaged containers from immediate hazard area if it can be done safely.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear personal protection equipment.
- Remove all sources of ignition.
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.
- Provide adequate ventilation.
- Use appropriate respiratory protection.
- See protective measures under point 7 and 8.

Environmental precautions

- Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
- Retain contaminated washing water and dispose it.
- In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
- Suitable material for taking up: absorbing material, organic, sand

Methods and materials for containment and cleaning up

- Suitable material for taking up: absorbing material, organic, sand
- Wash with plenty of water.

Section 7. Handling and storage

Precautions for safe handling

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not use on extensive surface areas in premises where there are occupants.
- Use localized ventilation system.
- Don't use empty container before they have been cleaned.
- Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
- Contaminated clothing should be changed before entering eating areas.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

- Always keep in a well ventilated place.
- Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
- Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
- Avoid accumulating electrostatic charge.

Incompatible materials:

- None in particular.

Instructions as regards storage premises:

- Cool and adequately ventilated.
- Safety electric system.

Section 8. Exposure controls/personal protection

Workplace Exposure Standards

Derived No Effect Level. (DNEL)

Component	CAS-No.	Worker Industrial	Worker Professional	Consumer	Exposure Route	Exposure Frequency	Remark
hydrocarbons C9 aromatics	64742-95-6			11 mg/kg	Human Oral	Long Term, systemic effects	
				32 mg/m3	Human Inhalation	Long Term, systemic effects	
		150 mg/m3			Human Inhalation	Long Term, systemic effects	
				11 mg/kg	Human Dermal	Long Term, systemic effects	
		25 mg/kg			Human Dermal	Long Term, systemic effects	

Engineering Controls

- N.A.

Personal Protective Equipment (PPE)

Eye protection:

- Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

N.A.

Section 9. Physical and chemical properties

Physical state: Liquid

Appearance and colour: liquid colourless

Odour: characteristic

Odour threshold: N.A.

pH: N.A.

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A.

Flash point: N.A.

Flammability (Solid, Gas): N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour pressure: N.A.

Vapour density: N.A.

Relative density: N.A.

Solubility in water: N.A.

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Kinematic viscosity: $K_v \leq 14$ mm²/s

Particle characteristics: No Data Available

Section 10. Stability and reactivity

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None.

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

Section 11. Toxicological information

Information on toxicological effects

Toxicological information of the mixture:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

hydrocarbons C9 aromatics a) acute toxicity LD50 Skin Rabbit > 2000 mg/kg

LC50 Inhalation Rat = 3400 ppm 4h

LD50 Oral Rat = 8400 mg/kg

bis(isopropyl)naphthalene a) acute toxicity LD50 Oral Rat > 4000 mg/kg

LD50 Skin Rat > 4000 mg/kg

LC50 Inhalation Rat > 5,6 mg/l 4h

LD50 Skin Rat > 4500 mg/kg
LC50 Inhalation Rat > 5,64 mg/l 4h
LD50 Oral Rat = 3900 mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- k) Toxicological kinetics, metabolism and distribution information
- i) STOT-repeated exposure
- j) aspiration hazard

Section 12. Ecological information

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of components with eco-toxicological properties

Component	Ident. Numb.	Ecotox Infos
hydrocarbons C9 aromatics	CAS: 64742-95-6 - EINECS: 918-668-5	a) Aquatic acute toxicity : LC50 Fish mg/L 96 a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 9,22 mg/L 96h IUCLID a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 6,14 mg/L 48h IUCLID G : LC50 Avian Colinus virginianus > 6500 ppm 5d IUCLID G : LD50 Avian Colinus virginianus > 2250 mg/kg IUCLID
bis(isopropyl)naphthalene	CAS: 38640-62-9 - EINECS: 254-052-6	a) Aquatic acute toxicity : LL50 Daphnia = 1,7 mg/L 48 a) Aquatic acute toxicity : NOEC Daphnia = 0,013 mg/L - 21 d a) Aquatic acute toxicity : LC50 Fish Cyprinus carpio > 1000 mg/L 96h a) Aquatic acute toxicity : LC50 Fish Oryzias latipes > 1000 mg/L 96h

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

Section 13. Disposal considerations

Disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Special precautions to be taken during disposal

No Data Available

Section 14. Transport information

UN number

1263

UN proper shipping name

NZS-Shipping Name: PAINT RELATED MATERIAL (Hydrocarbons, C9, aromatics - bis(isopropyl)naphthalene)

ADR-Shipping Name: PAINT RELATED MATERIAL (Hydrocarbons, C9, aromatics - bis(isopropyl)naphthalene)

IATA-Technical name: PAINT RELATED MATERIAL (Hydrocarbons, C9, aromatics - bis(isopropyl)naphthalene)

IMDG-Technical name: PAINT RELATED MATERIAL (Hydrocarbons, C9, aromatics - bis(isopropyl)naphthalene)

Transport hazard class(es)

NZS-Class: 3

ADR-Class: 3

IATA-Class: 3

IMDG-Class: 3

Packing group, if applicable

NZS-Packing Group: III

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

Environmental hazards

Marine pollutant: Yes

Environmental Pollutant: Yes

Special precautions for user

NZS-Subsidiary risks: -

NZS-Special Dispositions: 163 223

Road and Rail (ADR-RID):

ADR-Label: 3

ADR-Hazard identification number: NA

ADR-Special Provisions: 163 367 650

ADR-Transport category (Tunnel restriction code): D/E

Air (IATA):

IATA-Passenger Aircraft: 355

IATA-Cargo Aircraft: 366

IATA-Label: 3

IATA-Subsidiary hazards: -

IATA-Erg: 3L

IATA-Special Provisions: A3 A72 A192

Sea (IMDG):

IMDG-Stowage Code: Category A

IMDG-Stowage Note: -

IMDG-Subsidiary hazards: -

IMDG-Special Provisions: 163 223 367 955

IMDG-EMS: F-E, S-E

Section 15. Regulatory information

HSNO Approval

HSNO approval number and group standard title:

HSR002662 - Surface Coatings and Colourants (Flammable) Group Standard 2006

HSNO Controls

Approved Handler

No Data Available

New Zealand Inventory of Chemicals (NZIoC)

No substances listed.

Regulatory references

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

Hazardous Substances (Classification) Regulations 2001.

Labelling of Hazardous Substances: Hazard and Precautionary Information (January 2012 EPA0094).

Assigning a Product to a HSNO Approval (May 2013/Revised June 2014).

Section 16. Other information

Safety Data Sheet dated: 12/05/2020 - version 1

Code	Description
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Description of the HSNO Classification codes used in section 2 or 3:

Code	Description
3.1C	Flammable liquid - medium hazard.
6.1E (aspiration)	Aspiration hazard.
6.1E (respiratory tract irritant)	Respiratory tract irritant.
6.9B (narcotic effects)	Narcotic effects.
9.1A	Substances that are very ecotoxic in the aquatic environment.
9.1B	Substances that are ecotoxic in the aquatic environment.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

CLP: Classification, Labeling, Packaging.

EINECS: European Inventory of Existing Commercial Chemical Substances.

INCI: International Nomenclature of Cosmetic Ingredients.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

GefStoffVO: Ordinance on Hazardous Substances, Germany.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

DNEL: Derived No Effect Level.

PNEC: Predicted No Effect Concentration.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

WGK: German Water Hazard Class.

KSt: Explosion coefficient.

HSNO: Hazardous Substances and New Organisms Act 1996.