SAFETY DATA SHEET

BETTA BITUMEN RUBBER (NZ)

Infosafe No.: LQ7JD
ISSUED Date : 06/07/2023
ISSUED by: BONDALL PTY LTD

Section 1 - Identification

Product Identifier
BETTA BITUMEN RUBBER (NZ)

Company Name
BONDALL PTY LTD (ABN 27 008 734 996)

Address
New Zealand:
Owens Logistics,
3-5 Kahu Street,
Otahuhu, Auckland 2024
===
Australia:
Unit 2, 115 Belmont Avenue,
Belmont, WA 6104

Telephone/Fax Number
Tel: New Zealand: 0800 474 773 / Australia: +61 (8)6272 3800

Emergency Phone Number
NZ: 0800 154 666, AU: 1800 638 556

Recommended uses and any restrictions on use or supply
Waterproofing membrane for external applications

Other Names

Name
BETTA BITUMEN RUBBER - 1L (NZ)
BETTA BITUMEN RUBBER - 4L (NZ)
BETTA BITUMEN RUBBER - 15L (NZ)

Section 2 - Hazard(s) Identification

GHS classification of the substance/mixture
Classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2020 Transport of Dangerous Goods on Land.

Skin corrosion/irritation: Category 2
Eye irritation Category 2
Skin sensitization: Category 1

Signal Word (s)
WARNING

Hazard Statement (s)
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

Pictogram (s)
Exclamation mark

Precautionary Statement–Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement–Response
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists:. Get medical advice/attention.

Precautionary Statement–Disposal
P501 Dispose of contents/container to an approved waste disposal plant.

Section 3 - Composition and Information on Ingredients

Chemical Characterization
Liquid

Ingredients

Name	CAS	Proportion
2-Methyl-2H-isothiazol-3-one (MIT)	2682-20-4	0-<0.25 %
Ingredients determined not to be hazardous		Balance

Section 4 - First Aid Measures

Inhalation
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Skin
Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

Eye
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First-aid Facilities
Eyewash, safety shower and normal washroom facilities.

Advice to Doctor
Treat symptomatically.

Other Information
For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (0800 764 766)

Section 5 - Firefighting Measures

Suitable Extinguishing Media
Foam. Dry chemical powder. Carbon dioxide.

Hazards from Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including oxides of carbon and nitrogen, smoke and other toxic fumes.

Specific hazards arising from the chemical
This product will readily burn under fire conditions. Heating may cause expansion or decomposition leading to violent rupture of containers.

Decomposition Temperature
Not available

Precautions in connection with fire
Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

Section 6 - Accidental Release Measures

Emergency Procedures
Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling
Avoid inhalation of vapours and mists, and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene by washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area away from sources of ignition, foodstuffs, clothing, and incompatible materials such as oxidising agents. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.
For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

Recommended Materials
Metal can or drum

Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limits (OEL)
No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values
No biological limits allocated.

Appropriate Engineering Controls
Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapor/mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection
Safety glasses with side shields, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.
Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 (series) - Eye Protectors for Industrial Applications.

Hand Protection
Wear gloves of impervious material such as PVC. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

Thermal Hazards
No further relevant information available.

Body Protection
Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Liquid	**Appearance**	Black liquid
Colour	Black	**Odour**	Not available
Decomposition Temperature	Not available	**Melting Point**	Not available
Boiling Point	Not available	**Solubility in Water**	Not available
Specific Gravity	1-1.2	**pH**	9.2-10
Vapour Pressure	Not available	**Vapour Density (Air=1)**	Not available
Evaporation Rate	Not available	**Odour Threshold**	Not available
Viscosity	Not available	**Volatile Component**	Not available
Partition Coefficient: n-octanol/water	Not available	**Flash Point**	Not applicable
Flammability	Not flammable	**Auto-Ignition Temperature**	Not applicable
Flammable Limits - Lower	Not applicable	**Flammable Limits - Upper**	Not applicable
Oxidising Properties	Not available	**Particle Size**	Not available

Section 10 - Stability and Reactivity

Reactivity
Reacts with incompatible materials.

Chemical Stability
Stable under normal conditions of storage and handling.

Conditions to Avoid
Heat, open flames and other sources of ignition.

Incompatible Materials
Oxidising agents

Hazardous Decomposition Products
Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of carbon and nitrogen, smoke and other toxic fumes.

Possibility of hazardous reactions
Not available

Hazardous Polymerization
Hazardous polymerisation will not occur.

Section 11 - Toxicological Information

Toxicology Information
No toxicity data available for this material. Data for ingredients is given below.

Acute Toxicity - Oral
2- Methyl- 2H- isothiazol- 3- one (MIT)
LD50 (Rat): 120 mg/kg

Acute Toxicity - Inhalation
2- Methyl- 2H- isothiazol- 3- one (MIT)
LC50 (Rat): 0.1 mg/l/4h

Acute Toxicity - Dermal
2- Methyl- 2H- isothiazol- 3- one (MIT)
LD50 (rat): 242 mg/kg

Ingestion
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation
Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Skin
Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis. May cause an allergic skin reaction.

Eye
Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Skin Corrosion/Irritation
2- Methyl- 2H- isothiazol- 3- one (MIT)
Skin: adverse effect observed (corrosive)

Serious Eye Damage/Irritation
2- Methyl- 2H- isothiazol- 3- one (MIT)
Eye: adverse effect observed (irreversible damage)

Respiratory Sensitisation
Not expected to be a respiratory sensitiser.

Skin Sensitisation
May cause an allergic skin reaction.

Germ Cell Mutagenicity
Not considered to be a mutagenic hazard.

Carcinogenicity
Not considered to be a carcinogenic hazard.

Reproductive Toxicity
Not considered to be toxic to reproduction.

STOT - Single Exposure
Not expected to cause toxicity to a specific target organ.

STOT - Repeated Exposure
Not expected to cause toxicity to a specific target organ.

Aspiration Hazard
Not expected to be an aspiration hazard.

Section 12 - Ecological Information

Ecotoxicity
No ecological data available for this material. Data for ingredients is given below.

Persistence and degradability
2- Methyl- 2H- isothiazol- 3- one (MIT)
Persistence in Water/Soil/Air: High

Mobility
2- Methyl- 2H- isothiazol- 3- one (MIT)
Mobility in soil: Low (KOC = 27.88)

Bioaccumulative Potential
2- Methyl- 2H- isothiazol- 3- one (MIT)
Bioaccumulative potential: Low (LogKOW = -0.8767)

Other Adverse Effects
Not available

Environmental Protection
Prevent this material entering waterways, drains and sewers.

Acute Toxicity - Fish
2- Methyl- 2H- isothiazol- 3- one (MIT)
LC50 (Fish): 0.081-0.122mg/L/96h

Acute Toxicity - Algae
2- Methyl- 2H- isothiazol- 3- one (MIT)
NOEC(ECx) (Algae or other aquatic plants): 0.01mg/l/96h
EC50 (Algae or other aquatic plants): 0.063mg/l/96h

Acute Toxicity - Other Organisms
2- Methyl- 2H- isothiazol- 3- one (MIT)
EC50 (Crustacea): 0.189-0.257mg/L/48h

Hazardous to the Ozone Layer
This product is not expected to deplete the ozone layer.

Section 13 - Disposal Considerations

Disposal Considerations
Product Disposal:
Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service.In this specific case the product is a combustible substance and therefore can be sent to an approved high temperature incineration plant for disposal.
Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.

Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected.
In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Notice (2017). Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.

Container Disposal:
The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.
Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered

non-hazardous.

In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.

Section 14 - Transport Information

Transport Information
Road and Rail Transport:
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433: 2020 Transport of Dangerous Goods on Land.
Marine Transport (IMO/IMDG):
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport (ICAO/IATA):
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN Number
None Allocated

Proper Shipping Name
None Allocated

Hazard Class
None Allocated

Special Precautions for User
Not available

IMDG Marine pollutant
No

Transport in Bulk
Not available

Section 15 - Regulatory Information

Regulatory Information
Classified as Hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020, New Zealand.
Group Standard: Surface Coatings and Colourants (Subsidiary Hazard) Group Standard 2020.

HSNO Approval Number
HSR002670

Tolerable exposure limit (TEL)
Not available

Environmental exposure limit (EEL)
Not available

Certified Handler
Not available

Tracking
Not available

Controlled Substance Licence Requirements
Not available

Montreal Protocol
Not listed

Stockholm Convention
Not listed

Rotterdam Convention
Not listed

Agricultural Compounds, including Veterinary Medicines (ACVM)
Not available

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS
SDS Reviewed: July 2023

Supersedes: December 2022

Literature References
Hazardous Substances and New Organisms Act (1996).
Health and Safety at Work (Hazardous Substances) Regulations (2017).
Workplace Exposure Standards and Biological Exposure Indices.
Agricultural Compounds and Veterinary Medicines Act 1997.
Montreal Protocol on Substances that Deplete the Ozone Layer.
Stockholm Convention on Persistent Organic Pollutants (POPs).
Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade.
Transport of Dangerous goods on land NZS 5433.
Recommendations on the Transport of Dangerous Goods - Model Regulations.
Dangerous Goods Emergency Action Code List.
Hazardous Substances (Safety Data Sheets) Notice 2017 (EPA Consolidation)
Assigning a hazardous substance to a group standard.
Adopted biological exposure determinants, American Conference of Industrial Hygienists (ACGIH).

Contact Person/Point
Emergency Phone Number
NZ: 0800 154 666, AU: 1800 638 556

END OF SDS