Safety Data Sheet

according to WHS Regulation

Terrabind Max liquid

Section 1 - Identification

Product identifier

Terrabind Max liquid

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Products used in mining, oil or gas exploration processes

Uses advised against

Any non-intended use.

Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals as listed in WHS Schedule 10

None

Details of manufacturer or importer

Company name:	Bind-X Australia Pty Ltd
Street:	101 Brook Rd
Place:	AUS-WA 6107 Kenwick
Telephone:	+61 (0) 407 429 008
E-mail:	info@bind-x.com.au
Internet:	https://bind-x.com.au/

Emergency phone number: +61 (0) 407 429 008

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

WHS 2021

This mixture is not classified as hazardous in accordance with WHS Regulations 2021.

Label elements, including precautionary statements

Additional advice on labelling

Labelling according to Regulation WHS: none

Other hazards

The components in this formulation do not meet the criteria for classification as PBT or vPvB .

Section 3 - Composition and information on ingredients

Mixtures

Chemical characterization

The product does not contain dangerous substances to be mentioned in section 3.

Relevant ingredients

none (according to WHS Regulation)

Section 4 - First aid measures

Description of necessary first aid measures

General information

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

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

Symptoms caused by exposure

See sections 2 and 11

Medical attention and special treatment

Treat symptomatically.

Section 5 - Firefighting measures

Suitable extinguishing equipment

Suitable extinguishing media

Sand. Foam. Carbon dioxide (CO2). Extinguishing powder. In case of major fire and large quantities: Water spray jet. Water mist.

Unsuitable extinguishing media

High power water jet.

Specific hazards arising from the chemical

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO2).

Special protective equipment and precautions for firefighters

In case of fire: Wear self-contained breathing apparatus.
Hazchem code: -

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Co-ordinate fire-fighting measures to the fire surroundings.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

General advice

See protective measures under point 7 and 8.

For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

No special measures are necessary.

Environmental precautions

Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

Section 7 - Handling and storage

Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8).

Advice on protection against fire and explosion

Usual measures for fire prevention.

Advice on general occupational hygiene

Always close containers tightly after the removal of product. When using do not eat, drink or smoke. Wash hands before breaks and after work.

Further information on handling

General protection and hygiene measures: refer to section 8

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff

Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.
Recommended storage temperature: 20 °C
Protect against: frost. UV-radiation/sunlight. heat. Humidity

Section 8 - Exposure controls and personal protection

Exposure control measures

Additional advice on limit values

To date, no national critical limit values exist.

Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Individual protection measures, for example personal protective equipment (PPE)

Eye and face protection

"Wear safety glasses; chemical goggles (if splashing is possible)." Standards: AS/NZS 1336:1997, AS/NZS 1337 part 1-6

Hand protection

In case of prolonged or frequently repeated skin contact:
Wear suitable gloves.
Suitable material:
FKM (fluororubber). - Thickness of the glove material 0,4 mm
Breakthrough time >= 8 h
Butyl rubber. - Thickness of the glove material 0,5 mm
Breakthrough time >= 8 h
CR (polychloroprenes, Chloroprene rubber). - Thickness of the glove material 0,5 mm
Breakthrough time >= 8 h
NBR (Nitrile rubber). - Thickness of the glove material 0,35 mm
Breakthrough time >= 8 h
PVC (Polyvinyl chloride). - Thickness of the glove material 0,5 mm
Breakthrough time >= 8 h

Standard: AS/NZS 2161 Set: 2008
Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Suitable protective clothing: Lab apron.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

No special precautionary measures are necessary.

Section 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Colour:	brownish
Odour:	weak
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	> 200 °C
pH-Value:	not determined
Viscosity / kinematic:	not determined
Water solubility:	not determined

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:	SECTION 12: Ecological information
Vapour pressure:	not determined
Density:	not determined
Relative density:	not determined

Other information

Information with regard to physical hazard classes

Explosive properties

none

Sustained combustibility:	No data available

Oxidizing properties

none

Other safety characteristics

Solvent separation test:	not determined
Solvent content:	not determined
Solid content:	not determined
Sublimation point:	not determined
Softening point:	not determined
Viscosity / dynamic:	not determined

Section 10 - Stability and reactivity

Reactivity

No information available.

Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

Possibility of hazardous reactions

Refer to section 10.5.

Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

Incompatible materials

Materials to avoid: Oxidizing agents, strong. Reducing agents, strong.

Hazardous decomposition products

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO_2).

Section 11 - Toxicological information

Information on toxicological effects

Toxicocinetics, metabolism and distribution

No data available.

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.
Eye damage/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No data available.

Section 12 - Ecological information

Ecotoxicity

Based on available data and the composition of the product, adverse environmental effects are not expected under intended use conditions.

Persistence and degradability

Based on available component information, the product is expected to show partial to inherent biodegradability.

Bioaccumulative potential

Bioaccumulation is not expected based on the nature of the components.

Mobility in soil

Based on the intended use and the nature of the product, significant mobility in soil is not expected.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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Other adverse effects

Based on available information, no other significant adverse environmental effects are expected.

Further information

Based on the composition and intended use of the product, incidental entry into surface water is not expected to cause adverse environmental effects.

Section 13 - Disposal considerations

Disposal methods

Disposal recommendations

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

Section 14 - Transport information

Land transport (ADG)

UN proper shipping name or technical name:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number or ID number:	No dangerous good in sense of this transport regulation.
UN proper shipping name or technical name:	No dangerous good in sense of this transport regulation.
Transport hazard class:	No dangerous good in sense of this transport regulation.
Packing group number:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

UN number or ID number:	No dangerous good in sense of this transport regulation.
UN proper shipping name or technical name:	No dangerous good in sense of this transport regulation.
Transport hazard class:	No dangerous good in sense of this transport regulation.
Packing group number:	No dangerous good in sense of this transport regulation.

Environmental hazards for transport purposes

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

refer to section 6 - 8

Maritime transport in bulk according to IMO instruments

not relevant

Additional information

Hazchem code: -

Section 15 - Regulatory information

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles.

AIIC Inventory status: All components are listed or exempted.

Additional information

The product has been classified according to WHS regulations and categories of the GHS.
Montreal Protocol (Ozone depleting substances): not relevant
The Stockholm Convention (Persistent Organic Pollutants): not listed

Section 16 - Any other relevant information

Changes

Revision date: 18.05.2026

Revision No: 1,1

Rev. 1,0; Initial release: 31.10.2025
Rev. 1,1; Changes in section: 1, 12, 16; 18.05.2026

Key abbreviations or acronyms used

ACGIH:American Conference of Governmental Industrial Hygienists
ASTM: American Society for Testing and Materials.
ATE: acute toxicity estimate
ADG: The Australian Dangerous Goods Code
AS/NZS: Australian/New Zealand Standards
AICS: Australian Inventory of Chemical Substances
AIIC: Australian Inventory of Industrial Chemicals
AES: Australian Exposure Standard.
BCF: Bio concentration factor
CAS: Chemical Abstracts Service
d: days
DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
h: hours
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
ISO: Norm of the International Standards Organization
IUCLID: International Uniform ChemicaL Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect concentration
OECD: Organisation for Economic Co-operation and Development
PBT: Persistent, bio-cumulative, toxic
UN: United Nation
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
RTECS: Registry of Toxic Effects of Chemical Substances
STOT: Specific Target Organ Toxicity
STEL: Short term exposure limit
TWA: Time-weighted average

TLV: Threshold Limiting Value
VOC: Volatile Organic Compounds
vPvB: very persistent and very bio-cumulative
WES: Workplace exposure standards
WHS: Work Health and Safety Regulations

Further Information

Classification according to WHS Regulation: - Classification procedure:
Health hazards: Calculation method.
Environmental hazards: Calculation method.
Physical hazards: On basis of test data. and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)