MATERIAL SAFETY DATA SHEET

Section 1: Identification

Product name:	Rockbond Plastrip S
Recommended use:	As a release agent for concrete pipe manufacture
Company details:	Rockbond SCP Ltd
Address:	7 Te Puni Street, Petone, Lower Hutt, Wellington, New Zealand 5012
Telephone Number:	0800 76 25 26
Emergency telephone number:	0800 76 25 26 (Hours of Operation 7.30am to 5pm Monday - Friday)
Date of preparation:	January 2024

Section 2: Hazards Identification

Hazard classification:	This material is not classified as a dangerous good according to criteria in New Zealand Standard 5433:2007 Transport of Dangerous Goods on Land.
Signal word:	Warning
Hazard statements:	Combustible liquid.
Precautionary statements Prevention:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces.
Response:	IF exposed or concerned: Get medical advice/attention.
Storage:	Store locked up. Store in a well-ventilated place. Keep cool.
Disposal:	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Other hazards which do not result in classification:	None known.

Section 3: Composition/information on ingredients

Substance/Mixture: Fluid.
CAS number/other identifiers
CAS number: 68526-92-1
EC number: H304.
Product Code: 7.36

Ingredient Name	%	CAS Number
Low boiling hydrocarbon & oxygenated hydrocarbon fluid.	>22	68526-92-1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.
Occupational exposure limits, if available, are listed in Section 8.

Section 4: First-aid measures

Description of necessary first-aid measures

Inhalation: Remove casualty from exposure. If unconscious check for breathing & apply artificial respiration f necessary. Get medical attention if adverse effects occur.

Ingestion: Wash the mouth out with water. Do not induce vomitting. Give half a litre of water to drink immediately. Get medical attention immediately.

Skin Contact: Remove contaminated clothes and footwear immediately. Drench the affected skin with running water for 10 minutes.

Eye Contact: Immediately bathe eyes with plenty of water for 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Section 4: First-aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. May cause irritation ti the mucous membrane and respiratory system.
Ingestion:	There maybe soreness and redness of the mouth and throat. Corrosive burns may appear around the lips. May cause throat burns. Nausea and stomach pains may occur. There may be vomiting.
Skin contact:	Irritation or pain may occur at site of contact.
Eye contact:	There may be irritation and redness.

Over-exposure signs/symptoms

Inhalation:	No specific data.
Ingestion:	No specific data.
Skin:	No specific data.
Eyes:	No specific data.

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

Specific treatments:	Not available.
Notes to physician:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5: Fire-fighting measures

Extinguishing media

Suitable:	Use water spray to cool containers.
Not suitable:	Not known
Specific hazards arising from the chemical:	The material is not flammable. In combustion, emits toxic fumes of carbon dioxide/carbon monoxide.
Hazardous thermal decomposition products:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide.
Hazchem code:	Not available.

Section 5: Fire-fighting measures

Special precautions for fire-fighters:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding .

Methods and materials for containment and cleaning up

Small spill:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
Large spill:	Stop leak if without risk. Move containers from spill area. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Section 7: Handling and storage

Precautions for safe handling:	Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
Conditions of safe storage, including any incompatibilities:	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Plastic/Plastic lined.

Section 8: Exposure controls/personal protection

Control parameters
Occupational exposure limits

Ingredient name	Exposure limits
NA	

Appropriate engineering controls: Ensure there is sufficient ventilation of the area.

Environmental exposure controls: No special requirements.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection: Protective gloves (alkali resistant)

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

Appearance

Physical State:	Oily liquid.
Colour:	Amber
Odour:	Barely perceptible odour.
Odour threshold:	Not available.
pH:	Not available.
Melting point:	Not available.
Boiling point:	>200°C
Flash point:	Closed cup: 80.5°C (176.9°F) [Pensky-Martens.]
Burning rate:	Not applicable.
Burning time:	Not applicable.
Evaporation rate:	Not available.
Flammability (solid,gas):	Not available.
Lower and upper explosive (flammable) limits:	Not applicable.
Vapour pressure:	Not applicable.
Vapour density:	Not available.
Density:	Not available.
Relative density:	0.85-0.9
Solubility:	Insoluble in the following materials: water.
Solubility in water:	Not available.
Partition coefficient: n-Octanol/water:	Not available.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not available.
Viscosity:	Low, process oil based compound.

Section 10: Stability and reactivity

Chemical stability:	This product is stable under normal conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	Excessive heat.
Incompatible materials:	Strong oxidising agents.
Hazardous decomposition products:	This product may give rise to hazardous fumes in a fire. (Carbon monoxide/carbon dioxide)

Section 11: Toxicological information

Information on the likely routes of exposure

Inhalation: May cause irritation of the mucous membranes and respiratory system. No known significant effects or critical hazards.

Ingestion: There may be soreness and redness of the throat. Nausea and stomach pains may occur.

Skin contact: Mild irritation or pain may occur at the site of contact.

Eye contact: There may be redness and irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No specific data.

Ingestion: No specific data.

Skin contact: No specific data.

Eye contact: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Acute toxicity: Not available.

Irritation/Corrosion: Not available.

Sensitisation: Not available.

Potential chronic health effects

General: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Eye contact: No known significant effects or critical hazards.

Carcinogenicity: Suspected of causing cancer. Risk of cancer depends on duration

Section 11: Toxicological information

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Chronic toxicity: Not available.

Carcinogenicity: Not available.

Mutagenicity: Not available.

Teratogenicity: Not available.

Reproductive toxicity: Not available.

Specific target organ toxicity: Not available.

Aspiration hazard: Not available.

Numerical measures of toxicity

Acute toxicity estimates: Not available.

Section 12: Ecological information

Ecotoxicity: No known significant effects or critical hazards.
Aquatic and terrestrial toxicity: Not available.
Persistence/degradability: Not available.
Bioaccumulative potential: Not available.
Mobility in soil
Soil/water partition: Readily absorbed into soil.
Coefficient (Koc): Not available.
Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal considerations

Disposal methods: Dispose of through licensed contractor. Packaging may be reused following decontamination. Where practical containers and packaging should be recycled by a licensed contractor.

Section 14: Transport information

Regulatory information	UN number	Proper shipping name	Classes	Packaging group	Label	Additional information
New Zealand Class	Not regulated.		-	-		-
ADG Class	Not regulated.		-	-		-
ADR/RID Class	Not regulated.		-	-		-
IATA Class	Not regulated.		-	-		-
IMDG Clas	Not regulated.		-	-		-

Section 15: Regulatory information

New Zealand Inventory of Chemicals (NZIoC): substance.	A chamical safety assesment has not been carried out for the
HSNO Group Standard:	Surface Coatings and Colourants (Combustible, Toxic [6.7]) Group Standard 2006
Australia Inventory (AICS):	All components are listed or exempted.
Safety, health an Environmental regulations specific for the product:	No known specific national and/or regional regulations applicable to this product (including its ingredients).

Section 16: Other information

History

Date of printing: 12.01.2024

Date of issue/Date of revision: 12.01.2024

Date of previous issue: January 2022

Version: 5

Key to abbreviations:

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
UN = United Nations

References: Not available.

Notice to reader

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.