

SAFETY DATA SHEET

Australia issued 1 August 2020 version 1

1. IDENTIFICATION

Product code

CSZ

Product name

Coast Seal Zinc

Use

Paint

Supplier

Chloralka Pty Ltd

24/69 Acacia Road

Ferntree Gully 3156

Phone (03) 9753 5244

Emergency phone 0448 880 757

2. HAZARDS

Classifications

Flammable liquids category 3.

Aspiration hazard category 1.

Signal word

DANGER

Pictograms



Hazard statements

Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Precautionary statements

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Use explosion-proof electrical, ventilating, lighting and all other equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear protective clothing, gloves, eye/face protection and suitable respirator.

Response precautionary statements

If medical advice is needed, have product container or label at hand.

IF ON SKIN (or hair) Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTRE or doctor/physician if you feel unwell.

If skin irritation or rash occurs. Get medical advice/attention.

Wash contaminated clothing before reuse.

Storage precautionary statements

Keep container tightly closed. Keep cool.

Disposal precautionary statement

Dispose of contents/container in accordance with local, regional, national and international regulations.

3. COMPOSITION

Naphtha (petroleum), hydrotreated heavy; CAS # 64742-48-9; >55% w/w.

Xylene; CAS # 1330-20-7; 1 to <10% w/w.

Balance of ingredients determined to be non-hazardous or below reporting limits.

4. FIRST AID

Inhalation

Remove victim from exposure (avoid becoming a casualty). Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact

Effects may be delayed. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Defatting to the skin may cause skin dryness and irritation.

Eye contact

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water and seek medical advice.

Notes to physician

Treat symptomatically as effects may be delayed.

5. FIREFIGHTING

Hazchem code

•3Y

Suitable extinguishing media

Water spray fog or foam or a dry agent (CO₂ or chemical powder).

Unsuitable extinguishing media

Water deluge or jet.

Specific hazards

Flammable liquid and vapour runoff to drains may create a fire or explosion hazard.

Further advice

Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE

Small spills

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large spills

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

7. HANDLING and STORAGE

Handling

Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols.

Storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Store locked up. Keep container standing upright. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Occupational exposure limits

Naphtha (petroleum), hydrotreated heavy

DFG MAC-values list (Germany; 7/2018) . . .

TWA: 50 ppm 8 hours.

TWA: 300 mg/m³ 8 hours.

PEAK: 100 ppm, 4 times per shift, 15 minutes.

PEAK: 600 mg/m³, 4 times per shift, 15 minutes.

Xylene

Safe Work Australia (Australia, 4/2018) . . .

STEL: 655 mg/m³ 15 minutes.

STEL: 150 ppm 15 minutes.

TWA: 350 mg/m³ 8 hours.

TWA: 80 ppm 8 hours.

TWA means the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) means the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Biological Limits

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering controls

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator. Do NOT enter confined spaces where vapour may have collected.

Personal Protection Equipment

Wear safety shoes, overalls, gloves, safety glasses. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator. Available information suggests that gloves made from polyvinyl alcohol (PVA) or nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. Eye protectors should conform to AS/NZS 1336 and AS/NZS 1337. Chemical-resistant gloves should conform to AS/NZS 2161.1. Respiratory protection should conform to AS/NZS 1715 and AS/NZS 1716. Occupational footwear should conform to AS/NZS 2210.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL and CHEMICAL

Form

Liquid

Colour

Light straw

Solubility

Insoluble in water (soluble in organic solvents).

Boiling point

93°C

Flash point

50°C (closed cup)

Bulk density

0.841g/cm³

10. STABILITY and REACTIVITY

Chemical stability

Thermally stable when stored and used as directed.

Conditions to avoid

Elevated temperatures and ignition sources.

Incompatible materials

Keep away from oxidising agents, strong alkalis or strong acids to prevent the risk of strong exothermic reactions.

Hazardous decomposition

Oxides of carbon and nitrogen.

Reactivity

Under normal conditions of storage and use, hazardous reactions will not occur.

11. TOXICOLOGY

Accute effects

Inhalation

Material may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.

Skin contact

Contact with skin may result in irritation and defatting of skin.

Ingestion

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. May be fatal if swallowed and enters airways.

Eye contact

May be an eye irritant.

Acute toxicity

LD50

Naphtha (petroleum), hydrotreated heavy; oral rat >6 g/kg.

Xylene; dermal rabbit >1.7 g/kg.

Xylene; oral rat 4.3 g/kg.

Corrosion/Irritancy

Xylene moderate skin irritant rabbit 24-hours 500mg.

Sensitisation

Not available.

Aspiration hazard

Naphtha (petroleum), hydrotreated heavy aspiration hazard category 1.

Xylene aspiration hazard category 1.

Specific target organ toxicity (single exposure)

Xylene respiratory tract irritation hazard category 3.

Chronic Toxicity

Mutagenicity

No known significant effects or critical hazards.

Carcinogenicity

No known significant effects or critical hazards.

Reproductive toxicity (including via lactation)

No known significant effects or critical hazards.

Specific target organ toxicity (repeat exposure)

Not available.

Other

No data specific to the mixture is available; however, it has been assessed in accordance with the conventional method pursuant to CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. Exposure to solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on organs and the central nervous system. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness. Solvents may cause any of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. If splashed in the eyes the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhoea and vomiting. This takes into account delayed and immediate effects including chronic effects from short and long term exposure.

12. ECOLOGICAL

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

Xlyene LogPow 3.16 BCF 7.4 to 18.5 low potential.

Mobility

No information available.

Other adverse effects

No known significant effects or critical hazards.

13. DISPOSAL

Persons conducting disposal or recycling or reclamation should ensure that appropriate personal protection equipment is used. If possible the liquid and its container should be recycled. If they cannot be recycled then discard in accordance with prevailing regulations.

14. TRANSPORT

ADG, IATA and IMDG

UN Number 1263

Proper shipping name PAINT

Transport hazard class 3

Packing group III

Environmental hazard:

ADG – Yes. The environmentally hazardous substance mark is not required.

IATA – Yes. The environmentally hazardous substance mark is not required.

IMDG – Yes. The environmentally hazardous substance mark is required (subject to package size).



Marine pollutant substances:

ADG – Not applicable.

IATA – Not applicable.

IMDG – Zinc powder; zinc flake (stabilised).

Additional information:

ADG – None identified.

IATA - The environmentally hazardous substance mark may appear if required by other transportation regulations.

IMDG - The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.

Transport storage

Store in accordance with ADG code.

15. REGULATORY

Standard Uniform Schedule of Medicine and Poisons

Not regulated.

Model Work Health and Safety Regulations - Scheduled Substances
Not listed.

Australian Inventory of Chemical Substances

All components of this product are listed or exempt from the AICS.

16. OTHER

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by Chloralka and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.