GHS SAFETY DATA SHEET

Section 1 – Identification of Chemical Product & Company

ABN: 35 123 222 328
Telephone: +61 7 5568 7733
Facsimile: +61 7 5576 5148
Address: Unit 11, 80-82 Township Drv,
Burleigh Heads. Q.L.D 4220. Australia

Product Name: **SureFloor HS Part A**
Product Use: In conjunction with epoxy resins for Civil Engineering.
Description: Epoxy resin paint

Section 2 – Hazard(s) Identification

Classification

Flam.Liq 3	H226: Flammable liquid and vapour.
Skin Corr. 2	H315: Causes skin irritation.
Skin Sens.1	H317 May cause an allergic skin reaction
Eye Dam.2A	H319: Causes serious eye irritation.

Label elements
GHS label elements
The substance is classified and labelled according to the Globally Harmonised System (GHS)

Hazard pictograms


GHS07


GHS02

Signal Word **WARNING**

Hazard Statements
Flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction

Prevention and response statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243: Take actions to prevent static discharges.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/…
P331: Do NOT induce vomiting.

Section 3 – Composition / Information on Ingredients

Chemical Entity	C.A.S. No.	R-phrases	Concentration
Epoxy resin	25068-38-6	R36/38-R43-R51/533	10% - 30%
Xylene	1330-20-7	R20-R21-R38	1% - 10%
Non-hazardous ingredients or those not affecting classification			to 100%

Section 4 – First Aid Measures

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Inhalation:

Remove victim from area of 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. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

Skin Contact:

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media:

Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.

Hazchem or Emergency Action Code: · 3[Y]

Specific hazards arising from the substance or mixture:
Flammable liquid. On burning will emit toxic fumes, including those of oxides of carbon .

Special protective equipment and precautions for fire-fighters:

Keep containers cool with water spray. If safe to do so, remove containers from path of fire. Fire fighters to wear self- contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Section 6 – Accidental Release Measures

Emergency procedures/Environmental precautions:

If contamination of sewers or waterways has occurred advise local emergency services.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

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 contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

Section 7 – Handling & Storage

Precautions for safe handling:

Keep out of reach of children. Avoid skin and eye contact and breathing in vapour, mists and aerosols. May form flammable vapour mixtures with air. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke. Vapour may travel a considerable distance to source of ignition and flash back.

Conditions for safe storage, including any incompatibilities:

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

Section 8 – Exposure Controls / Personal Protection

Control Parameters: No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for constituent(s):

Xylene (o-, m-, p- isomers): 8hr TWA = 350 mg/m3 (80 ppm), 15 min STEL = 655 mg/m3 (150 ppm)

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

STEL (Short Term Exposure Limit) - the airborne concentration of a particular substance calculated as a time-weighted average over 15 minutes, which should not be exceeded at any time

during a normal eight hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

These Workplace 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 workplace 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.

Appropriate engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Personal Protection: H - OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR.

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator or air supplied mask meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Section 9 – Physical & Chemical Properties

Appearance: Coloured viscous liquid
Odour: Xylene solvent
pH: Not Determined
Vapour Pressure: Not Determined
Vapour Density: Not Determined
Auto Ignition: Not Determined

Percent Volatile: 10% - 15%
Specific Gravity: 1.5% - 2.0%
Flammability Limits: N/A
Boiling Point: Not Determined
Flash Point: > 23 Deg C PMCC
Solubility /miscibility with water None

Section 10 – Stability & Reactivity

Reactivity: No information available.
Chemical stability: Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions: Hazardous polymerisation will not occur.
Conditions to avoid: Avoid exposure to heat, sources of ignition, and open flame.
Incompatible materials: Incompatible with oxidising agents and epoxy resins
Hazardous decomposition products*:* oxides of carbon.

Section 11 – Toxicological Information

Section 12 – Ecological Information

Eco toxicity Avoid contaminating waterways.

Aquatic toxicity: Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

Section 13 – Disposal Considerations

Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for incineration by an approved agent.

Section 14 – Transport Information

Labels required

Proper Shipping Name: PAINT
Hazard Class: 3 **ID Number:** UN 1263
Hazchem Code: 3[Y] **Packing Group**: III

Section 15 – Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 – Other Information

Acronyms

AICS: Australian Inventory of Chemical Substances
CAS Number: Chemical Abstracts Service Registry Number
Hazchem Code: Emergency action code that provides information to emergency services
UN Number: United Nations Number
R36/38 Irritating to eyes and skin
R43 May cause sensitisation by skin contact
R51 Toxic to aquatic organisms
R53 May cause long-term adverse effects in the aquatic environment

CONTACT: Con-Treat +61 7 5568 7733

Revision Date: January 24, 2027

IMPORTANT NOTE:

Data quoted is typical for the product, but does not constitute a specification, and is based on the most accurate information available to Con-Treat P/L at the time of writing. All information contained herein is given in good faith, but is subject to change without notice.

This SDS has been prepared in alignment with the NOHSC document *National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition* [NOHSC: 2011(2003)]

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Address: Unit 11, 80-82 Township Drv,
Burleigh Heads. Q.L.D 4220. Australia

Product Name: **SureFloor HS Part B**
Product Use: Curing agent for epoxy resins
Description: Formulated polyamine adducts for civil engineering products

Section 2 – Hazard(s) Identification

Classification

GHS05 corrosion

Eye Dam.1 H318 Causes serious eye damage

GHS07

Skin Irrit.2 H315 Causes skin irritation
Skin Sens.1 H317 May cause an allergic skin reaction

Label elements
GHS label elements
The substance is classified and labelled according to the Globally Harmonised System (GHS)

Hazard pictograms

GHS07

GHS05

Signal word **Danger**

Hazard Statements
Causes severe skin burns and eye damage
Harmful is swallowed or in contact with skin
May cause an allergic skin reaction
Harmful to aquatic life with long lasting effects

Prevention and response statements
P262 Do not get in eyes, on skin, or on clothing
P261 Avoid breathing dust/fume/gas/mist/spray

P264	Wash hands thoroughly after handling
P272	Contaminated clothing should not be allowed out of workplace
P273	Avoid release to the environment
P280	Wear protective gloves and eye protection/face protection
P302+352	IF ON SKIN, wash with plenty of soap and water
P362	Take of contaminated clothing and wash before use
P333+313	If skin irritation or rash occurs, get medical advice/attention
P305+351	IF IN EYES, rinse cautiously with water for several minutes
P310	Immediately calls a POISON CENTRE/doctor/physician/first aider
P391	Collect spillage
P501	Dispose of contents/containers in accordance with local regulation.

Section 3 – Composition / Information on Ingredients

Chemical Entity	C.A.S. No.	Haz	R-phrases	Concentration
Isophorone diamine	2855-13-2	C	R21/22-R34-R43	> 50%
M-phenylenebis (methylamine)	1477-55-0	C	R20/22-R35-R43	<15 %
Non-hazardous ingredients or those not affecting classification				to 100%

Section 4 – First Aid Measures

Inhalation: If effects occur, remove to fresh air. Seek Medical attention.
If fumes or combustion products are inhaled remove from contaminated area.
Inhalation of vapours or aerosols (mists, fumes) may cause lung oedema.
Skin Contact: Wash skin thoroughly with soap and flowing water for 15 minutes. **DO NOT** use solvents to remove product from skin. It is recommended to remove contaminated clothing immediately. Wash clothing thoroughly before re-use. Discard contaminated footwear.
Eye Contact: Hold eyes open and wash thoroughly with flowing water for 15 minutes. Seek prompt medical attention by a doctor. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Swallowed: Do **NOT** induce vomiting. Give glass of water. Call a doctor and/or transport to a hospital promptly.
Advice to Doctor
No specific antidote. Supportive care. Treatment based on the judgement of the doctor in response to the reactions of the patient. Skin contact may cause dermatitis; treat as any contact dermatitis.

Section 5 – Fire Fighting Measures

Extinguishing media
Suitable extinguishing agents
Extinguish with foam, water, dry chemical or carbon dioxide. Drums may rupture when exposed to fire conditions. Wear positive pressure self-contained breathing apparatus. Decomposition products include phenolic, carbon monoxide.
Advice to firefighters
Protective equipment: Wear self-contained respiratory protective device.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away. Avoid breathing vapours and contact with skin and eyes.
Environmental precautions

Prevent seepage into sewage system. Inform respective authorities in case of seepage into water course or sewage system

Cleaning up

Soak up in an absorbent material, such as sand, sawdust or absorbent clay. Place in secure container for disposal. Burn in an adequate incinerator or bury in an approved landfill in accordance with State and/or Local government regulations.

Section 7 – Handling & Storage

Handling

Precautions for safe handling. Ensure good ventilation/exhaustion at the workplace
Refer to Section 8 of this MSDS for details of personal protection measures.

Storage.

Store in cool place away from heat and ignition sources. Keep partially used product containers closed. Store away from foodstuffs, clothing and keep out of reach of children.

Section 8 – Exposure Controls / Personal Protection

Exposure limits: Not established for product or individual components.
Ventilation: Provide general and / or local exhaust Ventilation, depending on type of operations, to control airborne exposures.

Personal protective equipment




Respiratory:

Not required for normal operations. For emergency conditions, use an approved positive pressure self-contained breathing apparatus.

Hands:

Protect hands with impervious gloves when handling or using this product.
The selection of gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
DO NOT use barrier creams containing emulsified fats and oils as these may absorb the resin.

Skin and Body protection:

Choose body protection in relation to its type, concentration, volume
and amount of dangerous substances, and to the specific work place. Wear boots.

Eyes: Wear tightly sealed safety glasses. Eye wash facilities should be located in the immediate work area.
Selection and the use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian Standards, including:

AS 1336:	Recommended practices for eye protection in the industrial environment.
AS/NZS 1337:	Eye protectors for industrial application.
AS/NZS 1715:	Selection, use and maintenance of respiratory protective devices.
AS 2161:	Industrial safety gloves and mittens (excluding electrical and medical gloves).
AS/NZS 2210:	Occupational protective footwear.
AS 2919:	Industrial clothing.

BIOLOGICAL LIMIT: No biological limit allocated

Section 9 – Physical & Chemical Properties

Appearance: clear - amber liquid
Odour: Amine like
pH: Not Determined
Vapour Pressure: Not Determined
Percent Volatile: < 2%
Specific Gravity: 0.96 – 1.08
Flammability Limits: N/A
Boiling Point: Not Determined

Vapour Density: Not Determined
Auto Ignition: Not Determined
Flash Point: 110 °C PMCC
Solubility /miscibility with water Slight

Section 10 – Stability & Reactivity

Stability:
Stable under recommended storage conditions. Refer to Section 7 of this MSDS.
Conditions to Avoid: Avoid temperatures above 300°C (572°F) Potentially violent decomposition can occur above 350°C (662°F) Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.
Incompatible Materials: Avoid contact with oxidizing materials. Avoid contact with: Acids, Bases. Avoid unintended contact with epoxy resins.
Hazardous Polymerisation
Will not occur by itself. Strong exothermic reactions with acids
Thermal decomposition: Decomposition products depend upon temperature, air supply and the presence of other materials. This may include ammonia, toxic gases and vapours

Section 11 – Toxicological Information

Short Term Hazards (Acute Exposure):
LD50 values that is relevant for classification:

CAS 2855-13-2 aminomethyl-3, 5, 5-trimethylcyclohexylamine IPD

Oral	LD50	> 1030 mg/kg (rat)
Dermal	LD50	> 1840 mg/kg (rabbit)

CAS 1477-55-0 m-phenylenebis (methylamine) MXDA

Oral	LD50	> 930 mg/kg (rat)
Dermal	LD50	> 3100 mg/kg (rabbit)

Primary irritant effect
on the skin irritant to skin and mucus membranes
on the eye irritating effect
sensitisation Sensitisation possible through skin contact

Long Term Hazards (Chronic Exposure):
Inhaled: Prolonged exposure to high concentrations of vapour may affect the central nervous system.
on the skin: Product may be a skin sensitiser in some individuals.
on the eye: Corneal injury.

Section 12 – Ecological Information

LC50/EC50/IC50 values that is relevant for classification:

CAS 2855-13-2 aminomethyl-3, 5, 5-trimethylcyclohexylamine IPD

Ecotoxicity:

Algae toxicity	>50 mg/l (Scenedesmus subspicatus) (ErC50(72h))
Bacteria toxicity	1120 mg/l (Pseudomonas putida) (EC10(18h))
Daphnia toxicity	23 mg/l (Daphnia magna)(EC50(48h))
Fish toxicity	110 mg/l (Leuciscus idus) (LC50(96h))

· Persistence and degradability No further relevant information available.
· Behaviour in environmental systems:
· Bioaccumulative potential No further relevant information available.
· Mobility in soil No further relevant information available.
· Ecotoxical effects: Not determined
· Remark: Harmful to fish

Section 13 – Disposal Considerations

Disposal: Place in secure container for disposal. Burn in an adequate incinerator or bury in an approved landfill in accordance with State and/or Local government regulations.

Section 14 – Transport Information

Labels required

HAZCHEM 2X

ADG Road and Rail

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (contains Isophorone diamine)
Hazard Class: 8 **ID Number:** UN 1760
Hazchem Code: 2X **Packing Group**: III
Limited quantity: 5L **Special provisions:** 223 274

IMDG

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (contains Isophorone diamine)
Hazard Class: 8 **ID Number:** UN 1760
Hazchem Code: 2X **Packing Group**: III
Marine pollutant: No
Limited quantity: 5L **Special provisions:** 223 274

ICAO/ IATA

Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (contains Isophorone diamine)
Hazard Class: 8 **ID Number:** UN 1760
Hazchem Code: 2X **Packing Group**: III

Section 15 – Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 – Other Information

Acronyms

AICS: Australian Inventory of Chemical Substances
CAS Number: Chemical Abstracts Service Registry Number
Hazchem Code: Emergency action code that provides information to emergency services
UN Number: United Nations Number
R20/22 Harmful by inhalation and if swallowed
R34 Causes burns
R36/38 Irritating to eyes and skin
R43 May cause sensitisation by skin contact
R51 Harmful to aquatic organisms
R53 May cause long-term adverse effects in the aquatic environment

CONTACT: Con-Treat +61 7 5568 7733

Revision Date: January 24, 2027

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