

Version: 2

Issued by: Envirosystems Technologies

Date of Issue: Sept 2019



SECTION 1 – IDENTIFICATION OF MATERIAL & SUPPLIER

1.1	Product Name:
	Manufacturer's Product Code:
1.2	Recommended Use:
1.3	Company:
	Address:
	Website:
	Telephone:
	Fax:
1.4	Emergency Telephone:

Enviro Epoxy SL Part B N/A Part B of a three component epoxy coating. Envirosystems Technologies Pty Ltd 295 Princes Highway St Peters, NSW 2044. www.envirosystems.com.au +61 2 85958699 (business hours) +61 2 85958660

Emergency Telephone: Info Safe – 1800 638 556, Poisons Centre – 131126 Other Information: All information in this SDS is to the best of our knowledge at time of publication. Users of this product should fully review this SDS prior to use to ensure best safety practices. Further information and or clarification can be obtained by contacting our technical department on the above telephone number.

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Hazard Classification:

Classified as **Hazardous** according to WHS Regulations, Australian GHS criteria and a **Dangerous Goods** according to the Australian Dangerous Goods Code.

Class	Category
Acute Toxicity Oral	4
Acute Toxicity Inhalation	4
Skin Corrosion/Irritation	1B
Serious eye damage/eye irritation	1
Skin Sensitization	1A
Reproductive toxicity	2
Specific target organ toxicity - single	3
Specific target organ toxicity - repeated	2
Hazardous to the aquatic environment- chronic	3

2.2 Label Elements



DANGER

H-code	Hazard Statements
H332	Harmful if inhaled
H302	Harmful if swallowed
H317	May cause allergic skin reaction
H314	Causes severe skin burns and eye damage

Signal word



H373May cause damage to organs through prolonged or repeated exposure if swallowed.H335May cause respiratory irritation.H361Suspected of damaging fertility or the unborn child.H412Harmful to aquatic life with long lasting effectsP-CodePrecautionary Statement - PreventionP280Wear protective gloves / protective clothing / eye protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement - ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If sinaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special waste collection point. In accordance with local regulation </th <th></th> <th></th>		
H335May cause respiratory irritation.H361Suspected of damaging fertility or the unborn child.H412Harmful to aquatic life with long lasting effects P-CodePrecautionary Statement - Prevention P280Wear protective gloves / protective clothing / eye protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-Code Precautionary Statement - Response P310Immediately call a Poison Center or Doctor / PhysicianP305, P351,If in eyes: Rinse cautiously with water for several minutes.P333, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P304, P340If on skin or hair: Take off immediately all contaminated comfortable for breathing.P301, P330, P361, P364If swallowed: Rinse mouth. Do not induce vomiting.P331Take off immediately all contaminated clothing and wash before reuse. P-CodePrecautionary Statement - Storage P405Store locked up P-CodePrecautionary Statement - Storage P405Dispose of contents / containers to hazardous or special	H373	
H361Suspected of damaging fertility or the unborn child.H412Harmful to aquatic life with long lasting effectsP-CodePrecautionary Statement - PreventionP280Wear protective gloves / protective clothing / eye protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement - ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes.P303, P361, P353If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - StorageP405Dispose of contents / containers to hazardous or special		
H412Harmful to aquatic life with long lasting effectsP-CodePrecautionary Statement - PreventionP280Wear protective gloves / protective clothing / eye protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement - ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P333, P313If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P310If skin irritation or rash occurs: Get medical advice/ attention.P301, P330, P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - StorageP405Dispose of contents / containers to hazardous or special	H335	
P-CodePrecautionary Statement - PreventionP280Wear protective gloves / protective clothing / eye protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement - ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes.P303, P361, P303, P361, P304, P340If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P304, P340If shin irritation or rash occurs: Get medical advice/ attention.P301, P303, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - StorageP405Dispose of contents / containers to hazardous or special	H361	Suspected of damaging fertility or the unborn child.
P280Wear protective gloves / protective clothing / eye protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P303, P361, P304, P340If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P304, P340If skin irritation or rash occurs: Get medical advice/ attention.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P331Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	H412	Harmful to aquatic life with long lasting effects
protection / face protectionP260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P304, P340If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P304, P340If skin irritation or rash occurs: Get medical advice/ attention.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P301, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P-Code	Precautionary Statement - Prevention
P260Do not breath dust , mist or vaporsP273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P303, P361, P304, P340If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P304, P340If skin irritation or rash occurs: Get medical advice/ attention.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P301, P330, P331Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P280	Wear protective gloves / protective clothing / eye
P273Avoid release to the environmentP272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P333, P313If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P301, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		protection / face protection
P272Contaminated work clothing should not be allowed out of the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes.P303, P361, P303, P361, P303, P361,If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P260	Do not breath dust , mist or vapors
the workplace.P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement - ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P333, P313If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P301, P330, P361, P364If inhaled: Remove person to fresh air and keep comfortable for breathing.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P273	Avoid release to the environment
P270Do not eat drink or smoke when using this productP264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351,If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361,If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P272	Contaminated work clothing should not be allowed out of
P264Wash with plenty of water and soap thoroughly after handlingP-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351,If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361,If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		the workplace.
handlingP-CodePrecautionary Statement - ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351,If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361,If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P331P361, P364P405Store locked upP-CodePrecautionary Statement - StorageP405Dispose of contents / containers to hazardous or special	P270	Do not eat drink or smoke when using this product
P-CodePrecautionary Statement – ResponseP310Immediately call a Poison Center or Doctor / PhysicianP305, P351,If in eyes: Rinse cautiously with water for several minutes.P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361,If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P264	Wash with plenty of water and soap thoroughly after
P310Immediately call a Poison Center or Doctor / PhysicianP305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P353If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		handling
P305, P351, P338, P310If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P303, P361, P333, P313If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP501Dispose of contents / containers to hazardous or special	P-Code	Precautionary Statement – Response
P338, P310Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P353If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP501Dispose of contents / containers to hazardous or special	P310	Immediately call a Poison Center or Doctor / Physician
Continue rinsing. Immediately call a POISON CENTER/doctor.P303, P361, P353If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If skin irritation or rash occurs: Get medical advice/ attention.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP501Dispose of contents / containers to hazardous or special	P305, P351,	If in eyes: Rinse cautiously with water for several minutes.
CENTER/doctor.P303, P361, P353If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If skin irritation or rash occurs: Get medical advice/ attention.P301, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP501Dispose of contents / containers to hazardous or special	P338, P310	Remove contact lenses, if present and easy to do so.
P303, P361, P353If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If shaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		Continue rinsing. Immediately call a POISON
P353clothing. Rinse skin with water / shower.P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		CENTER/doctor.
P333, P313If skin irritation or rash occurs: Get medical advice/ attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P303, P361,	
attention.P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P353	clothing. Rinse skin with water / shower.
P304, P340If inhaled: Remove person to fresh air and keep comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P333, P313	If skin irritation or rash occurs: Get medical advice/
comfortable for breathing.P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		attention.
P301, P330, P331If swallowed: Rinse mouth. Do not induce vomiting.P331Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P304, P340	If inhaled: Remove person to fresh air and keep
P331 P361, P364 Take off immediately all contaminated clothing and wash before reuse. P-Code Precautionary Statement - Storage P405 Store locked up P-Code Precautionary Statement - Disposal P501 Dispose of contents / containers to hazardous or special		comfortable for breathing.
P361, P364Take off immediately all contaminated clothing and wash before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		If swallowed: Rinse mouth. Do not induce vomiting.
before reuse.P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special		
P-CodePrecautionary Statement - StorageP405Store locked upP-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P361, P364	
P405 Store locked up P-Code Precautionary Statement - Disposal P501 Dispose of contents / containers to hazardous or special		
P-CodePrecautionary Statement - DisposalP501Dispose of contents / containers to hazardous or special	P-Code	
P501 Dispose of contents / containers to hazardous or special		
	P-Code	
waste collection point. In accordance with local regulation	P501	
		waste collection point. In accordance with local regulation

2.3 Other Hazards

None known

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

3.2 Mixtures

See section below for Mixtures

CAS No.	Material	Content %
1761-71-3	4,4'-Methylenebis	30-60%
	(cyclohexylamine)	
100-51-6	Benzyl alcohol	30-60%
80-05-7	Bisphenol A	<10%

SECTION 4 – FIRST AID MEASURES



Immediately remove contaminated clothing. If in danger of loss of consciousness, place patient in recovery position and transport accordingly. Apply artificial reparation if necessary. First aid personal should pay attention to the own safety. **Ingestion:**

Do not induce vomiting. Wash mouth with water and seek medical attention immediately. Provide liquid slowly and as much as they can comfortably drink. Never give liquid to a person showing signs of being sleepy or with reduced awareness i.e. becoming unconscious.

Inhalation:

Keep patient calm and remove to fresh air. If breathing is difficult give oxygen. Seek medical attention immediately. Inhalation of vapours or aerosols (mists, fumes) may cause lung oedema. Corrosive substances may cause lung damage (e.g. lung oedema, fluid in the lungs). As this reaction may be delayed up to 24 hours after exposure, affected individuals need complete rest (preferably in semi-recumbent posture) and must be kept under medical observation even if no symptoms are (yet) manifested.

Eye Contact:

While holding eyes open, gently flood with plenty of fresh water for 15 minutes. Seek immediate medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin Contact:

Flush contacted area thoroughly with soap and plenty of water, shower if availed. Seek medical attention. Remove contaminated clothing including footwear.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section and in sections 2 and 11.

4.3 Advice for doctor

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media		Suitable extinguishing media: Dry chemical powder, foam, BCF (where regulations permit). Water can be used to cool a fire, but it is not ideal.
		Unsuitable extinguishing media that may not be used for safety reasons: None known
		Hazchem code:
		No Data Available
5.2	Special hazards arising from the substance or mixture	Oxides of carbon and other possibly toxic fumes from fire. Keep away from oxidizing agents, isocyanates, acetaldehyde, LiAIH4, (lithium aluminum hydride), aluminum alkyl compounds, acids and alkalis as ignition may result.
5.3	Advice for firefighters	Wear full body protective clothing with breathing apparatus. Prevent, by any means available, spillage from entering drains or water course. Combustible. Slight fire hazard when exposed to heat or flame. Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit toxic fumes of carbon monoxide (CO). Combustion products include:, carbon dioxide (CO2), aldehydes, nitrogen oxides (NOx), other pyrolysis products typical of burning organic material. Contains low boiling substance: Closed containers may



rupture due to pressure buildup under fire conditions. May emit corrosive fumes. WARNING: Long standing in contact with air and light may result in the formation of potentially explosive peroxides.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material.
6.2	Environmental precautions	Do not discharge into sewers or waterways.
6.3	Methods and material for containment and cleaning up	Small or major spills should be absorbed with dry, inert filler (soil or sand) which then can be shoveled into appropriately labeled drums for disposal. Disposal of this material should be undertaken by a registered chemical disposal company.
6.4	Reference to other sections	Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and

on disposal (section 13).

SECTION 7 – HANDLING & STORAGE

7.1	Precautions for safe handling	Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. Protection against fire and explosion: The product is combustible. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.
7.2	Conditions for safe storage	Storage Requirements: Store in a cool, dry area. This product is classified as a 'C1' Combustible Liquid for the purpose of storage and handling in accordance with the requirement of AS1940. Storage Incompatibility: Store under inert gas. Sensitive to carbon dioxide. Suitable containers: Store in original packaging. Temperature Conditions: 5º to 35º C Protection from weather: Store undercover and away from frost and moisture
7.3	Specific end use(s)	Once mixed with other parts and applied, produces a hard wearing, durable surface suitable for commercial and industrial applications.
7.4	Regulations and standards (Australia):	Classified as a Class 8 Corrosive Liquid which should be stored and handled in accordance with regulations

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	Control parameters	Emergency limits:			
		Ingredient	TEEL-1	TEEL-2	TEEL-3



		Benzyl alcohol	30ppm	49ppm	49ppm	
8.2	Exposure controls	General protection and hygiene mea				
		Avoid exposure. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Wash hand				
		the end of work and before eating. K				
		contaminated, soaked clothing immediately. Clean work areas regularly.			arly.	
		Personal protection equipment:				
		Respiratory protection	· · · · · · ·		<i>cc</i> · · ·	
		In accordance with instructions: not				
		capacity. (AS/NZS 1716 & 1715, EN 1				
		equivalent) Where the concentration approaches or exceeds the "Exposure				
		required. Degree of protection varies			-	
		nature of protection varies with Type			, or mer, the	
		Eye protection				
	Chemical goggles. Full face shield may be required for supplemental					
		primary protection of eyes. Contact lenses may pose a special hazard; soft c				
		lenses may absorb and concentrate i				
		the wearing of lenses or restrictions	on use, should be	ould be created for each workplace		
		or task.				
		Hand protection				
		Protective gloves made of Long PVC				
		appropriate gloves not only depends				
		characteristics, and may vary depend	-			
		information from your glove supplier	in terms of perm	neability and b	reakthrough	
		time.				
		Skin protection				
		Overalls clothing <i>Other Information</i> Use barrier creams to protect skin from contact with the material. Always w				
		hands before smoking, eating, drinki				
		Observe the usual precautions when	• •		Month	
8.3	Further information for system	Ventilation is recommended under n	ormal use condit	ions. State reg	ulations on	
	design and engineering measures	speed and direction of airflow away	from operators m	iust be observ	ed. Keep	

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

9.1 Odour: Colour: **Physical State:** Flash Point: **Boiling Point: Melting Point:** Specific Gravity: pH (5% solution): Solubility in Water (g/L): Flammability: Lower Limit: **Higher Limit:** Vapour Pressure: Vapour Density (Air = 1) 9.2 Other information

Not Available Clear colourless to slight amber Low Viscosity Liquid 112°C Not Available Not Available 1.04 Not Available Not Available Yes Not Available Not Available Not Available Not Available Not Available Not Available Not Available

containers closed when not in use.



SECTION 10 – STABILITY AND REACTIVITY

10.1 -3	Reactivity; Chemical stability; Possibility of hazardous reactions	If stored and handled in accordance with standard industrial practices not hazardous reactions are known. Unstable in the present of incompatible material.
10.4	Conditions to avoid	Avoid all sources of ignition: heat, sparks, open flame. See SDS section 7 - Handling and storage.
10.5	Incompatible materials	Keep away from oxidizing agents, acids and alkalis.
10.6	Hazardous decomposition products	Oxides of carbon and other possibly toxic fumes from fire.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity/Effects

	Acute toxicity	Irritation
Enviro Epoxy B part B	Not available	Not available
	dermal (rat) LD50:	Eye (rabbit): 0.75 mg
	1000000 ppm/90M	open SEVERE
Benzyl Alcohol	Inhalation (rat) LC50:	Skin (man): 16 mg/48h-
	>4.178 mg/L/4h	mild
	Oral (rat) LD50: 1560	Skin (rabbit):10 mg/24h
	mg/kg	open-mild
	LD50 Oral - Rat - male	Skin – Rabbit Result:
4,4'-Methylenebis	and female - 380 mg/kg	Corrosive - 24 h
(cyclohexylamine)	LD50 Dermal - Rabbit -	Eyes - Rabbit
(cyclonexylamine)	male and female - >	Result: Corrosive - 24 h
	1,000 mg/kg	
	LD50 Oral - Rat - male	Skin - Rabbit
	and female - > 2,000 -	Result: No skin irritation
	5,000 mg/kg	- 4 h
Disphanal A	LC50 Inhalation - Rat -	Eyes - Rabbit
Bisphenol A	male and female - 6 h -	Result: Severe eye
	170 mg/m3	irritation - 24 h
	LD50 Dermal - Rabbit -	
	6,400 mg/kg	

Respiratory or skin sensitization

4,4'-Methylenebis (cyclohexylamine): Buehler Test - Guinea pig May cause sensitisation by skin contact. (OECD Test Guideline 406)

Chronic Toxicity/Effects

Specific target organ toxicity - single exposure

Benzyl Alcohol: No Data Available Cyclohexylamine: No data available Bisphenol A : Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

Benzyl Alcohol: Overexposure to vapors causes headache, vertigo, nausea, vomiting, and diarrhoea. Over-exposure can cause central nervous system depression.

Cyclohexylamine: Ingestion - May cause damage to organs through prolonged or repeated exposure. - Liver, Musculo-skeletal system Bisphenol A: No data available



Genetic toxicity

Benzyl Alcohol: No Data Available Cyclohexylamine: Ames test S. typhimurium Result: negative. Mutagenicity (micronucleus test) Mouse - male and female Result: negative. Bisphenol A : Ames test S. typhimurium Result: negative. Mouse - male and female Result: negative.

Carcinogenicity

Benzyl Alcohol: No Data Available Cyclohexylamine: Notidentified as probable, possible or confirmed human carcinogen by IARC. Bisphenol A : Not identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Benzyl Alcohol: No Data Available Cyclohexylamine: No Data Available Bisphenol A : Reproductive toxicity Category 2

Teratogenicity

Benzyl Alcohol: No Data Available Cyclohexylamine: No Data Available Bisphenol A : No Data Available

Long Term Effects:

Susceptible individuals may develop allergic reactions such as dermatitis or asthma like symptoms on a single significant skin exposure or may become sensitized to the material on repeated contact. Corrosive to eyes and skin. May cause sensitization by skin contact.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity

Benzyl Alcohol:

ECO3 (168h) Algae or other aquatic plants =16mg/L (US EPA, Ecotox database - Aquatic Toxicity Data)

LC50 (96h) Fish 10mg/L (US EPA, Ecotox database - Aquatic Toxicity Data)

NOEC (336h) Fish 5.1mg/L (Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity)

EC50 (48h) Crustacea 230mg/L (Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity)

EC50 (72h) Algae or other aquatic plants 7.221 mg/L (Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity)

Bisphenol A:

Toxicity to fish flow-through test LC50 - Pimephales promelas (fathead minnow) - 4.6 mg/l -96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - 10.2 mg/l - 48 h

Toxicity to algae static test EC50 - Pseudokirchneriella subcapitata (green algae) - 2.73 - 3.1 mg/l -



96 h

		5611
		4,4'-Methylenebis (cyclohexylamine):
		Toxicity to fish static test LC50 - Leuciscus idus (Golden orfe) - 67.8 mg/l - 96 h (DIN 38412)
		Toxicity to daphnia and other aquatic invertebrates
		static test EC50 - Daphnia magna (Water flea) - 9.24 mg/l - 48 h
		Toxicity to algae
		static test EC50 - Desmodesmus subspicatus (green algae) - 140 - 200 mg/l -72 h
		Toxicity to bacteria
		EC50 - Pseudomonas putida - 156 mg/l - 30 min
12.2	Persistence and degradability	Benzyl Alcohol:
		Persistence: Water/Soil
		Low
		Persistence: Air
		Low
		Bisphenol A:
		aerobic - Exposure time 28 d Result: 89 % - Readily biodegradable. (OECD Test Guideline 301F)
		Cyclohexylamine:
		aerobic - Exposure time 28 d Result: < 10 % - According to the results of tests of biodegradability this product is not readily biodegradable.
12.3	Bioaccumulative potential	Benzyl Alcohol:
		LOW (LogKOW = 1.1)
		Cyclohexylamine:
		Cyprinus carpio (Carp) - 42 d - 0.015 mg/l
		Bioconcentration factor (BCF): 20 - 67
		Isophorone diamine:
		No data available
12.4	Mobility in soil	Benzyl Alcohol:
		LOW (KOC = 15.66)
		Bisphenol A:
		No data available
		Cyclohexylamine:
		No data available

12.6 Additional Information

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Material Recommendation:

Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.



Uncleaned packaging Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

SECTION 14 – TRANSPORT INFORMATION

Transport Information

U.N. Number: DG Class: EPG card: Hazchem Code: Proper Shipping Name: Packing Group: Marine Pollutant Classified as a Dangerous Good according to the Australian Code for the Transportation of Dangerous Goods by Road and Rail. 1760

8 8A1 N/A Amines, Liquid, Corrosive, N.O.S. III Yes

Label

SECTION 15 – REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture National and local regulations must be observed. For information on labeling please refer to section 2 of this document.

Poisons Schedule Number: 5

Benzyl alcohol (100-51-6) are found on the following regulatory lists Australia Hazardous Substances Information System - Consolidated Lists Australia Inventory of Chemical Substances (AICS)

Australian Inventory: Controlled Schedule Carcinogenic Substances: Listed No listed substances

SECTION 16 – OTHER INFORMATION

Safety Data Sheets are updated regularly. Please ensure you have a current copy. SDS can be obtained from our website: www.envirosystems.com.au

The SDS should be used to assist in the Risk Management. Many other factors determine whether the reported Hazards are risks in any given workplace.

Specific Risks may be determined by reference to various Exposure Scenarios, Scale of use, Frequency of use and current or available engineering controls must be considered.

This document belongs entirely to Enviro Systems Pty Ltd and apart of the use of it for the purposes of private study, research, review or criticism, no part may be reproduced or re-used without prior permission from ENVIROSYSTEMS.

Emergency Telephone: Info Safe – 1800 638 556, Poisons Centre – 13112