



EpiMax SAFETY DATA SHEET

Product Name **EpiMax 340WVB PART A**

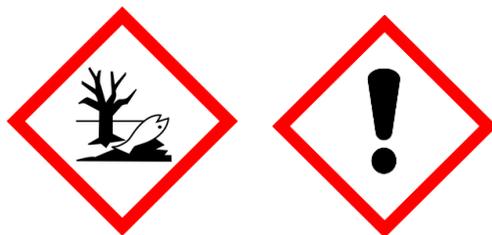
1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name EPIMAX TECHNOLOGIES PTY LTD
Address 23 Hargraves Place, Wetherill Park NSW 2164
Telephone 1300 721 522
Email info@epimax.com.au
Emergency 13 11 26
Synonym(s) 340WVB Base • 5434092 – PRODUCT CODE
Use(s) Base component for two part epoxy coating
SDS Date 20/07/23

2. HAZARDS IDENTIFICATION

GHS Classifications Skin Corrosion / Irritation: Category 2
Skin Sensitisation: Category 1
Serious Eye Damage/ Eye Irritation: Category 2B
Specific Target Organ Toxicity – Single Exposure: Category 3
Hazardous to aquatic environment Short Term/ Chronic: Category 2

Signal Word **WARNING**



HAZARD STATEMENT

H315 Causes skin irritation
H317 May cause an allergic skin reaction
H320 Causes eye irritation
H335 May cause respiratory irritation
H411 Toxic to aquatic life with long lasting results

PREVENTION STATEMENT

P102 Keep out of reach of children
P261 Avoid breathing fumes, mists, vapours or spray

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P262 Do not get in eyes, on skin or on clothing
P264 Wash contacted areas thoroughly after handling
P272 Contaminated work clothing should not be allowed out of the workplace
P273 Avoid release to the environment
P280 Wear protective gloves, protective clothing and eye or face protection.

RESPONSE STATEMENTS

P362 Take off contaminated clothing and wash before reuse
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
P333+P313 If skin irritation or rash occurs: Get medical advice
P391 Collect Spillage
P370+P378 In case of fire, use carbon dioxide, dry chemical, foam, water fog

STORAGE STATEMENTS

P402+P404 Store in a dry place. Store in a closed container
P403+P235 Store in a well-ventilated place

DISPOSAL STATEMENTS

P501 If they cannot be recycled, dispose of contents to an approved waste disposal plant

UN No.	None Allocated	DG CLASS	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated		

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS NO.	Content
BISPHENOL A / EPICHLOROHYDRIN RESIN	NOT AVAILABLE	25068-38-6	30%-60%
OTHER NON HAZARDOUS INGREDIENTS	NOT AVAILABLE	NOT AVAILABLE	TO 100%

4. FIRST AID MEASURES

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

Inhalation If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Airline respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

Skin Corrosive. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

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Special Treatment Treat symptomatically.

First Aid Facilities Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

Special Hazards Combustible. May evolve toxic gases (carbon/ nitrogen oxides, amines, ammonia, hydrocarbons) when heated to decomposition.

Advice for firefighters Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Media Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.

Hazchem Code 3Y

6. ACCIDENTAL RELEASE MEASURES

Spillage Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Remove all ignition sources. Avoid breathing vapours, and contact with skin and eyes. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all ignition sources.

7. STORAGE AND HANDLING

Storage Store in a cool, dry, well ventilated area, removed from oxidising agents, alkalis, acids, heat or ignition sources and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use. Store as a Class C1 Combustible Liquid (AS1940).

Precautions for safe handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

DO NOT allow clothing wet with material to stay in contact with skin
DO NOT enter confined spaces until atmosphere has been checked
DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
Do NOT cut, drill, grind, weld or perform similar operations on or near container

Product Name: **EpiMax 340WVB BASE / PART A**

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Exposure Stds	No exposure standard (s) allocated.
Biological Limits	No biological limit allocated.
Engineering Controls	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.
PPE	Wear splash-proof goggles, nitrile or viton (R) gloves, coveralls. Respiratory: required. Safety Glasses with side shields. Chemical protective gloves If sanding dry product, wear: a Class P1 (Particulate) respirator. If spraying, with prolonged use, or if in confined areas, wear: impervious coveralls and an Air-line respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	WHITE HOMOGENOUS LIQUID	Solubility (water)	NOT AVAILABLE
Odour	CHARACTERISTIC EPOXY ODOUR	Specific Gravity	1.10
pH	NOT AVAILABLE	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NOT AVAILABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT AVAILABLE
Boiling Point	100 °C	Upper Explosion Limit	NOT AVAILABLE
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE		
Autoignition Temperature	NOT AVAILABLE	Decomposition Temperature	NOT AVAILABLE
Partition Coefficient	NOT AVAILABLE	Viscosity	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Incompatible with oxidising agents (eg hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), heat and ignition sources.
Hazardous Decomposition Products	May evolve toxic gases (carbon/ nitrogen oxides, amines, ammonia, hydrocarbons) when heated to decomposition.
Hazardous Reactions	Hazardous polymerization is not expected to occur.

Product Name: **EpiMax 340WVB BASE / PART A**

11. TOXICOLOGICAL INFORMATION

Health hazard summary This product has the potential to cause adverse health effects. Use safe work practices to avoid eye or skin contact and inhalation. Potential sensitising agent. Individuals with pre-existing respiratory impairment (eg asthmatics) or skin sensitivities may be more susceptible to adverse health effects.

Eye Contact may result in irritation, lacrimation, pain, redness, corneal burns and possible permanent damage.

Inhalation Inhalation of vapours or aerosols (mists, fumes), generated by the material during the course of normal handling, may be harmful. The material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. Inhalation of vapours may cause drowsiness and dizziness.

Skin This material can cause inflammation of the skin on contact in some persons. The material may accentuate any pre-existing dermatitis condition. Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Open cuts, abraded or irritated skin should not be exposed to this material. Aromatic hydrocarbons may produce sensitivity and redness of the skin. They are not likely to be absorbed into the body through the skin but branched species are more likely to.

Ingestion Corrosive. Ingestion may result in burns to the mouth and throat, nausea, vomiting, ulceration of the gastrointestinal tract, breathing difficulties, circulatory collapse and coma.

12. ECOLOGICAL INFORMATION

Other adverse effects Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste disposal Mix parts A + B together (small amounts), absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Ensure protective equipment is worn when mixing. Do not seal containers/tins until reaction is complete. Contact the manufacturer for additional information. Prevent contamination of drains or waterways as environmental damage may result. DO NOT allow wash water from cleaning or process equipment to enter drains.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria

Product Name: **EpiMax 340WVB BASE / PART A**

15. REGULATORY INFORMATION

Poison Schedule	Classified as a Schedule 5 (S5) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional information This product is used in conjunction with EpiMax 340WVB Activator

WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT: If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (eg. for organic vapours/acid gas) may also be required. A Class P1 (Particulate) respirator is recommended if dust is generated.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:

ACGIH - American Conference of Industrial Hygienists.

ADG - Australian Dangerous Goods.

BEI - Biological Exposure Indice(s).

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EC No - European Community Number.

HSNO - Hazardous Substances and New Organisms.

IARC - International Agency for Research on Cancer.

mg/m³ - Milligrams per Cubic Metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

PPM - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

STEL - Short Term Exposure Limit.

SWA - Safe Work Australia.

TWA - Time Weighted Average.

Product Name: EpiMax 340WVB BASE / PART A



EpiMax SAFETY DATA SHEET

Product Name **EPIMAX 340 WVB PART B**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name	EPIMAX TECHNOLOGIES PTY LTD
Address	23 Hargraves Place, Wetherill Park NSW 2164
Telephone	1300 721 522
Email	info@epimax.com.au
Emergency	13 11 26
Synonym(s)	340WVB ACTIVATOR • 40434016 – PRODUCT CODE
Use(s)	TWO PART EPOXY COATING. USE WITH EPIMAX 340WVB BASE PART A
SDS Date	20/7/23

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS



HAZARD STATEMENT

H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects

PREVENTION STATEMENT

P102	Keep out of reach of children
P210	Keep away from heat, sparks, open flames and hot surfaces
P261	Avoid breathing fumes, mists, vapours or spray
P262	Do not get in eyes, on skin, or on clothing
P264	Wash contaminated areas thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

RESPONSE STATEMENT

P362	Take off contaminated clothing and wash before reuse
P301+P330+P331	IF SWALLOWED: rinse mouth. Do not induce vomiting
P302+P352	IF ON SKIN: Wash with plenty of soap and water

Product Name:

EPIMAX 340WVB ACTIVATOR/ PART B

P305+P351+P338	IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P333+P313	If skin irritation or rash occurs: get medical advice
P337+P313	If eye irritation persists: get medical advice
P391	Collect spillage
P370+P378	In case of fire use carbon dioxide, dry chemical form or water fog.
P402+P404	Store in a dry place. Store in a closed container
P403+P235	Store in a well-ventilated place. Keep cool
P501	If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill

UN No.	NONE ALLOCATED	DG CLASS	NONE ALLOCATED	Subsidiary Risk(s)	NONE ALLOCATED
Packing Group	NONE ALLOCATED	Hazchem Code	NONE ALLOCATED		

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS NO.	Content
FATTY ACIDS, C ₁₈ -UNSATURATED, DIMERS, REACTION PRODUCTS WITH POLYETHYLENE POLYAMINES	NOT AVAILABLE	68410-23-1	10%- 30%
TRIETHYLENETETRAMINE	NOT AVAILABLE	112-24-3	<2%
POLYAMINE	NOT AVAILABLE	NOT AVAILABLE	<2%
OTHER NON HAZARDOUS INGREDIENTS			TO 100%

4. FIRST AID MEASURES

Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Inhalation	If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Airline respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
Special Treatment	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Special Hazards	May evolve toxic gases (carbon monoxides, phenols, hydrocarbons) when heated to decomposition.
Advice for firefighters	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Extinguishing Media	Dry chemical, carbon dioxide or alcohol resistant foam. Prevent contamination of drains or waterways.

20/07/23

Product Name:

EPIMAX 340WVB ACTIVATOR/ PART B

Hazchem Code

None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage

Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all ignition sources.

7. STORAGE AND HANDLING

Storage

Store tightly sealed in a cool, dry, well ventilated area, removed from oxidising agents, acids, alkalis, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be bunded and have appropriate fire protection and ventilation systems. Store as a Class C1 Combustible Liquid (AS1940).

Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Exposure Standards

No exposure standards allocated

Biological Limits

No biological limit allocated.

Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

PPE

Wear splash-proof goggles, nitrile or viton (R) gloves, coveralls and a Type A (Organic vapour) respirator. If sanding dry product, wear: a Class P1 (Particulate) respirator. If spraying, with prolonged use, or if in confined areas, wear: impervious coveralls and an Air-line respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	GREY CONSISTENT LIQUID	Solubility (water)	MISCIBLE WITH WATER
Odour	AMMONICIAL	Specific Gravity	1.24
pH	9.00-9.2	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NOT AVAILABLE
Vapour Density	NOT AVAILABLE	Flash Point	61°C
Boiling Point	> 100°C	Upper Explosion Limit	NOT AVAILABLE
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT AVAILABLE
Evaporation Rate	NOT AVAILABLE		
Autoignition Rate	NOT AVAILABLE	Decomposition Temperature	NOT AVAILABLE
Partition Coefficient	NOT AVAILABLE	Viscosity	15000 CPS

Product Name:

EPIMAX 340WVB ACTIVATOR/ PART B

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources.
Material to avoid	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), alkalis (eg. hydroxides), heat and ignition sources.
Hazardous Decomposition Products	May evolve toxic gases (carbon oxides, phenols, hydrocarbons) when heated to decomposition.
Hazardous Reactions	Hazardous polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health hazard summary	Irritant - low to moderate toxicity. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact. The cured product is considered non toxic.
Eye	Irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Irritant. Over exposure whilst curing may result in irritation of the nose and throat, coughing, possible sensitisation with asthma-like symptoms and pulmonary oedema at high levels.
Skin	Irritant. Contact may result in irritation, redness, rash and dermatitis. May cause sensitisation by skin contact.
Ingestion	Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.
Toxicity Data	There is no toxicological information available for this product.

12. ECOLOGICAL INFORMATION

Other adverse effects	May cause adverse long term effects in the aquatic environment. Not biodegradable and floats in water
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13. DISPOSAL CONSIDERATIONS

Waste disposal	Mix parts A + B together (small amounts), absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Ensure protective equipment is worn when mixing. Do not seal containers/tins until reaction is complete. Contact the manufacturer for additional information. Prevent contamination of drains or waterways as environmental damage may result. Do not allow product to enter drains, sewers or water courses.
Legislation	Dispose of in accordance with relevant local legislation.

Product Name:

EPIMAX 340WVB ACTIVATOR/ PART B

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD THE CRITERIA OF THE ADG CODE

Shipping Name	NONE ALLOCATED				
UN No.	NONE ALLOCATED	DG CLASS	NONE ALLOCATED	Subsidiary Risk(s)	NONE ALLOCATED
Packing Group	NONE ALLOCATED	Hazchem Code	NONE ALLOCATED	GTEPG	NONE ALLOCATED

15. REGULATORY INFORMATION

Poison Schedule

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional information This product is used in conjunction with EpiMax 340WVB Base / Part A.

WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT: If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (eg. for organic vapours/acid gas) may also be required. A Class P1 (Particulate) respirator is recommended if dust is generated.

EPOXY - PHENOXY RESINS AND POLYURETHANES: Where spray painting with two or more component epoxy resins or polyurethane paints is undertaken, an employee shall wear a air-line respirator, full length chemically resistant coveralls and gloves. Further, if an individual is to enter an enclosed booth where a vapour or gas curing process is occurring, an air-line respirator is required. Once cured, these resins are considered non toxic.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken.

Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

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mg/m³ - Milligrams per Cubic Metre.

NOS - Not Otherwise Specified.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

STEL - Short Term Exposure Limit.

Product Name:

EPIMAX 340WVB ACTIVATOR/ PART B

SWA - Safe Work Australia.

TWA - Time Weighted Average.