

Safety Data Sheet

WESTOX

BUILDING PRODUCTS

WESTOX WB 30 EPOXY PART A

Date of Issue 01 Sept 2014
Date of Revision 21 Sept 2018



1 - IDENTIFICATION

Product Name	WESTOX WB 30 EPOXY PART A	
Recommended Use	Used as a primer/ binder or sealer and concrete curing agent.	
Company Details	Westlegate Pty Ltd	
Address	16 Frost Road Campbelltown NSW 2560 Australia	
Phone	61 2 4628 5010	
Fax	61 2 4628 5020	
Email	info@westox.com	
Website	www.westox.com	
Emergency Contact Point	Australian Poisons Information Centre	
	24 Hour Service	13 11 26
	Police, Fire Brigade or Ambulance	000
	New Zealand Poisons Information Centre	
	24 Hour Service	0800 764 766
	NZ Emergency Services	111

2 - HAZARD(S) IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO WORK SAFE AUSTRALIA CRITERIA

Globally Harmonised System

Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of chemicals (GHS).
Hazard Categories	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
Pictograms	 
Signal Word	WARNING
Hazard Statements	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 effects
Precautionary Statements	P102: Keep out of reach of children P261: Avoid breathing fumes, mists, vapours or spray 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 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. Continue rinsing. P333+P313: If eye 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, foam, dry sand.

P405: Store locked up
P410: Protect from sunlight
P402+404: 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

3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS Number	Content %
Bisphenol A/ Epichlorohydrin Resin	25068-38-6	30-60
Other ingredients said not be hazardous		to 100

4 - FIRST AID MEASURES

Ingestion	If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre or call a doctor.
Eye Contact	Quickly and gently blot material from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.
Skin Contact	Quickly and gently blot away excess liquid. Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. Under running water, removed contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.
Inhalation	No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.
Other Information	Poisons Information Centre, phone 13 11 26 anywhere in Australia.

5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media	In case of fire use carbon dioxide, dry chemical, foam, water fog.
Specific Hazards arising from the chemical	The major hazard in fires is usually inhalation of heated and toxic oxygen deficient (or both), fire gases. There is no risk of explosion from this product under normal circumstances as it is involved in a fire.
Special protective equipment and precautions for fire fighters	Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures. If a significant quantity of this product is involved in a fire, call fire brigade.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective chemically resistant clothing including fire/face protection, gauntlets and self contained breathing apparatus. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include neoprene, butyl rubber. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in a cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product.

Methods and materials for containment and clean up

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or reuse. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7 - HANDLING AND STORAGE

Precautions for Safe Handling	Keep exposure to product to a minimum, and minimise the quantities kept in work areas.
Conditions for Safe Storage	This product is a Scheduled Poison. Observe all relevant regulations regarding sale, transport and storage of this schedule of poison. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers from this product in a cool (15-30°C) well ventilated area. Protect this product from light. Some liquid preparations settle or separate on standing may require stirring before use. Check packaging - there may be further storage instructions on the label.

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

General	Exposure limits have not been established by SWA for any significant ingredients in this product.
Engineering Measures	This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.
Personal Protective Equipment	
Respirator	Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above. Otherwise not normally necessary.

Eyes	Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash or eye bath facilities must also be available in an area close to where this product is being used.
Skin	If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.
Clothing	Protective clothing made from the following materials: neoprene, butyl rubber.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance	White homogenous liquid.
Odour	Characteristic epoxy odour.
Colour	White
pH	9.0-9.3
Boiling Point (°C)	100 at 100kPa
Melting Point (°C)	About 0
Solubility	Insoluble
Viscosity	Approx 15,000 cps (temperature not given)

10 - STABILITY AND REACTIVITY

Chemical stability	This product is unlikely to react or decompose under normal storage conditions. However if you have any doubts, contact the supplier for advice on shelf life properties.
Conditions to avoid	Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well ventilated. Protect this product from light.
Incompatible materials	Oxidising agents.
Fire decomposition	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form hydrogen chloride gas, other compounds of chlorine. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconscious followed by coma and death.

11 - TOXICOLOGICAL INFORMATION

Inhalation	Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.
Eye Contact	This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms, should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.
Skin Contact	Classified as a potential sensitiser by skin contact. Exposure to a skin sensitiser, once sensitisation has occurred, may manifest itself as a skin rash or inflammation, and in some individuals this reaction can be severe. In addition product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.
Ingestion	Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also be evident, but all should disappear once exposure has ceased.

12 - ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. This product is not readily biodegradable and has the potential to bioaccumulate.

13 - DISPOSAL CONSIDERATIONS

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

14 - TRANSPORT INFORMATION

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15 - REGULATORY INFORMATION

Poisons Schedule (Aust)	S5
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16 - OTHER RELEVANT INFORMATION

Date of Issue 01 Sept 2014
Date of Revision 21 Sept 2018

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WESTOX

BUILDING PRODUCTS

WESTOX WB 30 EPOXY PART B

Date of Issue 01 Sept 2014
Date of Revision 21 Sept 2018


1 - IDENTIFICATION

Product Name	WESTOX WB 30 EPOXY PART B	
Recommended Use	Used as a primer/ binder or sealer and concrete curing agent.	
Company Details	Westlegate Pty Ltd	
Address	16 Frost Road Campbelltown NSW 2560 Australia	
Phone	61 2 4628 5010	
Fax	61 2 4628 5020	
Email	info@westox.com	
Website	www.westox.com	
Emergency Contact Point	Australian Poisons Information Centre	
	24 Hour Service	13 11 26
	Police, Fire Brigade or Ambulance	000
	New Zealand Poisons Information Centre	
	24 Hour Service	0800 764 766
	NZ Emergency Services	111

2 - HAZARD(S) IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO WORK SAFE AUSTRALIA CRITERIA

Globally Harmonised System

Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of chemicals (GHS).
Hazard Categories	Flammable - Category 4
Pictograms	
Signal Word	WARNING
Hazard Statements	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
Precautionary Statements	P102: Keep out of reach of children P210: Keep away from heat, sparks, open flames and hot surfaces - No smoking P261: Avoid breathing fumes, mists, vapours or spray 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 P281: Use personal protective equipment as required 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. Continue rinsing. P333+P313: If skin irritation or rash occur; 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, foam, 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

3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS Number	Content %
Fatty acids, C18-unsaturated, dimmers, reaction products with polyethylenepolyamines	68410-23-1	10-30
Triethylenetetramine	112-24-3	<2
Polyamine		<2
Other non hazardous ingredients		to 100

4 - FIRST AID MEASURES

Inhalation	No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.
Ingestion	If swallowed, DO NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre, or call a doctor.
Eye Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, whole holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.
Skin Contact	Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for about 10-20 minutes or until product is removed. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watchbands and belts) and completely decontaminate them before reuse or discard. If irritation persists, repeat flushing and seek medical attention.

5 - FIREFIGHTING MEASURES

Suitable Extinguishing Media	In case of fire use carbon dioxide, dry chemical, foam, water fog.
Specific Hazards arising from the chemical	The major hazard in fires is usually inhalation of heated and toxic oxygen deficient (or both), fire gases. There is no risk of explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances.
Special protective equipment and Precautions for fire fighters	Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures. If a significant quantity of this product is involved in a fire, call the fire brigade.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective chemically resistant clothing including fire/face protection, gauntlets and self contained breathing apparatus. See below under Personal Protection regarding Australian Standards relating to personal protective equipment. Suitable materials for protective clothing include neoprene, butyl rubber. Eye/face protective equipment should comprise as a minimum, protective goggles. If there is a significant chance that vapours or mists are likely to build up in a cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product.

Methods and materials for containment and clean up

Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or reuse. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7 - HANDLING AND STORAGE

Precautions for Safe Handling	Keep exposure to product to a minimum, and minimise the quantities kept in work areas.
Conditions for Safe Storage	Note that this product is GHS Flammable Class 4 and therefore, for storage, meets the definition of Dangerous Goods. If you store large quantities (tonnes) of such products, we suggest that you consult your states Dangerous Goods authority in order to clarify your obligations regarding their storage. Store packages of this product in a cool place. Make sure that containers of this product are kept tightly closed. Keep containers dry and away from water. Keep containers of this product in a well ventilated area. Some liquid preparations settle or separate on standing and may require storing before use. Check packaging - there may be further instructions on label.

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Measures	This product should only be used in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.
Personal Protective Equipment	
Respirator	Usually, no respirator is necessary when using this product.

Eye Protection Protective glasses or goggles must be worn when this product is being used. Failure to protect your eyes may lead to severe harm to them or to general health. Emergency eye wash facilities must also be available in an area close to where this product is being used.

Skin Protection If you believe you may have a sensitisation to this product or any of its declared ingredients; you should prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. We suggest from the following materials: neoprene, butyl rubber.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance	Grey homogeneous liquid
Odour	Characteristic amine/ammonia odour.
Colour	Grey
pH	9.0-9.2
Boiling Point (°C)	100°C at 100kPa
Solubility	Miscible
Specific Gravity	1.10
Viscosity	Approx 15000 cps (temperature not stated)

10 - STABILITY AND REACTIVITY

General Information

Chemical stability This product is unlikely to react or decompose under normal storage conditions. However if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to avoid This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Containers should be kept dry. Keep containers and surrounding areas well ventilated.

Incompatible materials Acids, Oxidising agents.

Fire decomposition Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconscious followed by coma and death.

11 - TOXICOLOGICAL INFORMATION

General Information

Inhalation Available data indicates that this product is not harmful. However product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.

Eye Contact This product is a severe eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms such as swelling of eyelids and blurred vision may also become evident. If exposure is brief, symptoms, should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Skin Contact Classified as a potential sensitiser by skin contact. Exposure to a skin sensitiser, once sensitisation has occurred, may manifest itself as a skin rash or inflammation, and in some individuals this reaction can be severe. In addition product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Ingestion Significant oral exposure is considered to be unlikely. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also be evident, but all should disappear once exposure has ceased.

12 - ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment. This product is not readily biodegradable. However likely to degrade slowly in the soil or water and not cause long term problems. This product is likely to accumulate in body tissues, especially fat.

13 - DISPOSAL CONSIDERATIONS

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

14 - TRANSPORT INFORMATION

This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

15 - REGULATORY INFORMATION

Poisons Schedule (Aust) None allocated

16 - OTHER RELEVANT INFORMATION

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