

**FORTIS PRIME 820 – PART B****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

<b>Product Name</b>	Fortis Prime 820 – Part B
<b>Product Code</b>	-
<b>Other Names</b>	-
<b>Product Use</b>	Primer for concrete, ceramics, glass and wood
<b>Supplier Name</b>	Fortis Adhesives and Coatings
<b>Address</b>	177-179 Ordish Road Dandenong South VIC 3175
<b>Telephone Number</b>	03 9706 5448
<b>Emergency Telephone</b>	0425 883 566

**2. HAZARDS IDENTIFICATION****HAZARDOUS SUBSTANCE. DANGEROUS GOODS.**

Classified as hazardous according to the criteria of Safe Work Australia.

<b>Hazards</b>	Xn - Harmful
<b>Risk Phrases</b>	R20/22 - Harmful by inhalation and if swallowed. R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact.
<b>Safety Phrases</b>	S2 - Keep out of reach of children. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of soap and water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Ingredient (common name)</b>	<b>CAS Number</b>	<b>Proportion</b>
Bisphenol A/epichlorohydrin	25085-99-8	>60%
Benzyl alcohol	100-51-6	10-30%
Ethylene glycol monobutyl ether	111-76-2	<10%

**4. FIRST AID MEASURES**

<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.
<b>Ingestion</b>	If swallowed do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth.

<b>Skin</b>	If skin or hair contact occurs, immediately remove contaminated clothing and wash skin and hair thoroughly with soap and plenty of water. Seek medical attention if symptoms occur.
<b>Eyes</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
<b>Notes to Physician</b>	Treat symptomatically. If skin sensitization has developed and causal relationship has been confirmed, further exposure should not be allowed.

## 5. FIRE FIGHTING MEASURES

	For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.
<b>Suitable Extinguishing Media</b>	Foam, dry agent (carbon dioxide, dry chemical powder).
<b>Hazardous Combustion Products</b>	Hydrogen chloride and oxides of carbon.
<b>Firefighting Equipment</b>	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
<b>Unusual Fire or Explosion Hazards</b>	This material will burn.
<b>Hazchem Code</b>	Keep containers cool with water spray. 2X

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spills</b>	In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including eye/face protection and impervious elbow-length gloves. Evacuate general area and deny access to unnecessary and unprotected personnel. Ventilate area of leak or spill. Slippery when spilt. Avoid accidents, clean up immediately. Stop leak if safe to do so and contain spill. Absorb with sand or earth. Collect the material and place into clearly labeled containers for subsequent disposal.
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## 7. HANDLING AND STORAGE

<b>Handling</b>	Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Provide adequate ventilation.
<b>Storage</b>	Store in a cool, dry, well-ventilated area out of direct sunlight. Keep containers tightly closed when not in use. Store at ambient temperatures. Keep away from oxidising agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Standards</b> <b>Safe Work Australia)</b>	<b>Ethylene glycol monobutyl ether:</b> TWA: 20 ppm /96.9 mg/m <sup>3</sup> STEL: 50 ppm / 242 mg/m <sup>3</sup>
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<b>Engineering Controls</b>	Local exhaust ventilation is recommended when vapours can be released in excess of established airborne exposure limits.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator or organic vapour cartridge mask should be used. See Australian Standards AS/NZS 1715 and 1716 for more information.
<b>Eye Protection</b>	Safety glasses with top and side shields. See Australian Standards AS 1336 and AS/NZS 1337 for more information.
<b>Skin Protection</b>	Impervious gloves and suitable protective work wear. See Australian Standards AS 2161 and 2919 and AS/NZS 2210 for more information.
<b>Hygienic Practices</b>	Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Clear pale yellow liquid
<b>Odour</b>	No information available
<b>Solubility in Water</b>	Negligible
<b>Boiling Point</b>	>167°C
<b>Evaporation Rate (Air=1)</b>	No information available
<b>Vapour Pressure (kPa)</b>	No information available
<b>Vapour Density</b>	No information available
<b>Specific Gravity (g/cm<sup>3</sup>)</b>	1.1
<b>Flash Point</b>	88°C
<b>Flammable Limit – Lower</b>	1.3%
<b>Flammable Limit – Upper</b>	13%
<b>Ignition Temperature</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Hydrogen chloride and oxides of carbon.
<b>Hazardous Polymerization Conditions to Avoid</b>	Will not occur No information available

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicity</b>	<b>Benzyl alcohol:</b> Oral LD <sub>50</sub> (rat) = 1230 mg/kg Skin LD <sub>50</sub> (rat) = 2000 mg/kg Intravenous LD <sub>50</sub> (mouse) = 53 mg/kg Harmful if swallowed, inhaled or absorbed through the skin. Severe irritant for eyes, skin and respiratory system.
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**Ethylene glycol monobutyl ether:**Oral LD<sub>50</sub> (rat) = 1480 mg/kgSkin LD<sub>50</sub> (rat) = 490 mg/kgSkin LD<sub>50</sub> (rabbit) = 2000 mg/kgInhalation LC<sub>50</sub> (mouse) = 700 ppm/7 hour

Harmful by inhalation or ingestion and in contact with the skin.

Narcotic. Skin, eye and respiratory irritant. Long-term exposure may cause kidney and/or liver damage. Possible teratogen.

<b>Routes of Exposure</b>	Inhalation, ingestion, eye and skin
<b>Acute Health Effects</b>	Inhalation: Moderately toxic. Vapour is irritating to the nose, throat Ingestion: and lungs. Eye: Harmful if ingested. Skin: Causes slight eye irritation. Causes slight skin irritation.
<b>Chronic Health Effects</b>	Prolonged or repeated exposure may cause skin sensitization.
<b>Existing Conditions</b>	No information available.
<b>Aggravated by Exposure</b>	
<b>Carcinogenicity</b>	Ethylene glycol monobutyl ether is classified as IARC Group 3 – Not classifiable as to its carcinogenicity to humans.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Avoid contaminating waterways. Toxic to fish. Not readily biodegradable.
<b>Mobility</b>	Has the potential to bio-accumulate. If product enters soil, it will be mobile and may contaminate groundwater.

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal methods and containers</b>	Dispose according to applicable local and state government regulations.
<b>Special precautions for landfill or incineration</b>	Please consult your state Land Waste Management Authority for more information

**14. TRANSPORT INFORMATION**

Classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail.

<b>UN Number</b>	3082
<b>Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (epoxy resin)
<b>Dangerous Goods Class</b>	9
<b>Hazchem Code</b>	2X
<b>Packing Group</b>	III
<b>Special Precautions</b>	Not applicable

**15. REGULATORY INFORMATION**

Bisphenol A/epichlorohydrin, benzyl alcohol and ethylene glycol monobutyl ether are listed in the Australian Inventory of Chemical Substances (AICS).

**Poisons Schedule: 5**

**16. OTHER INFORMATION**

**Last Revision of MSDS** Rev 1.0 (17/07/2012)  
**Prepared by** MSDS.COM.AU Pty Ltd [www.msds.com.au](http://www.msds.com.au)  
**Abbreviations Used** IARC: International Agency for Research on Cancer  
NTP: National Toxicology Program (U.S.)  
OSHA: Occupational Safety and Health Administration (U.S.)  
STEL: Short term exposure limit  
TWA: Time weighted average

**Emergency Contacts**

<b>Fortis Adhesives and Coatings</b>	<b>03 9706 5448</b>
<b>Fortis Adhesives and Coatings – Emergency Number</b>	<b>0425 883 566</b>
<b>Police and Fire Brigade</b>	<b>000</b>
<b>Poisons Information Centre</b>	<b>13 11 26</b>

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Please read instructions / label before using product.

This MSDS is prepared in accord with the Safe Work Australia document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]