MATERIAL SAFETY DATA SHEET

Classified as hazardous according to criteria of NOHSC & Worksafe Australia.
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods
Code for transport by Road & Rail.

1. Product and Company identification

Product Name: Fi Vapour Barrier Part A
Supplier: Fliese Imports Pty Ltd
12 Mantell St COBURG NORTH Victoria 3058
Phone: 0447 402 462
Product Use: Use as the epoxy resin in 2-Pack Epoxy coatings for concrete substrate
Applied by brush and roller

2. Hazards Identification

HAZARDOUS CHEMICAL. DANGEROUS GOODS.
According to NOHSC, Worksafe Australia and ADG Code.
Poisons Schedule : S5
GHS Classification : Skin Corrosion/Irritation Category 2
Eye Irritation Category 2A
Skin Sensitiser Category 1
Carcinogenicity Category 1A
Acute Aquatic Hazard Category 2
Chronic Aquatic Hazard Category 2

Label element :

SIGNAL WORD : **WARNING**

Hazard Statements

H315 Causes skin irritation
H319 Causes serious eye irritation
H317 May cause an allergic skin reaction
H401 Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects
H341 Suspended of causing genetic defects
H350 May cause cancer

Precautionary Statements

P280 Wear protective gloves, clothing, eye and face protection
Statements
P281 Use personnel protective equipment as required
Prevention
P261 Avoid breathing dust, fumes, mist, vapour and spray
P273 Avoid release to the environment
P272 Contaminated work clothing should not be allowed out of
the workplace
P308/P313 If exposed or concern. Get medical advice or treatment.
P302/P352 If on skin wash with plenty of water and soap.
P362 Take off contaminated clothing and wash before reuse.
P321.
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/attention.
Precautionary
P501 Dispose of contents/containers to authorised chemical
Statement landfill or if organic to high temperature incineration
Disposal

3. Composition/Information on Ingredients

Name CAS Number % Classification
Bisphenol-A Epichlorhydrin 25068-38-6 10-30 Xi: R36/38, R43 N: R51/53

4. First Aid Measures

Swallowed

No emergency medical treatment necessary. If swallowed do not induce vomiting. If vomiting occurs lean patient forward or place on left side to maintain open airway and prevent aspiration. Never give liquids to a person showing signs of being sleepy. Give water to rinse mouth. For

advice contact the Poison Information Centre or a physician.

Eye

Flush eyes with copious quantities of water for at least 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several minutes. Immediately seek medical advice from a physician.

Skin

Remove all contaminated clothing/footwear and wash immediately with plenty of soap and water. Seek medical advice from a physician if irritation persists. Wash clothing before reuse.

Inhaled

Remove from contaminated area. Lay patient down. Keep warm and rested. Apply artificial respiration if not breathing. If effects occur seek medical advice from a physician.

First Aid Facilities

Eye wash and safety shower facilities should be available.

Advice to doctor: Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media: Non combustible. Use foam, dry chemical, carbon dioxide.

Fire fighting advice: Avoid contamination with oxidising agents. Fire fighters and others exposed to vapours or products of combustion should wear self-contained breathing apparatus and suitable protective clothing.

Specific hazards: Do not use direct water stream as may spread fire. Incomplete combustion may form carbon monoxide, carbon dioxide and phenolic.

6. Accidental release measures

Minor Spills: Clean up all spills immediately. Contain spill with sand, earth or vermiculite Avoid breathing vapours and contact with skin and eyes. Place in a suitable labelled container for waste disposal.

Major Spills: Clear area of personnel and move upwind. Contain/prevent run off into drains and waterways. Fire fighters and others exposed to vapours or products of combustion should wear self-contained breathing apparatus and suitable protective clothing. Contain spill with sand, earth or vermiculite. Alert Fire Brigade if necessary. Collect recoverable material and seal in properly labelled containers or drums for disposal.

7. Handling and storage

Handling: Wear suitable protective clothing, gloves and eye protection. Avoid prolong or repeated contact with skin. Avoid contact with eyes. Avoid contact with skin and clothing. Wash thoroughly after handling. Avoid physical damage to containers.

Storage: Store in cool dry well ventilated place and out of direct sunlight. Keep containers sealed when not in use. Avoid contact with incompatible materials. Checked all containers are clearly labelled & free from leaks.

Follow manufacturer's storing & handling recommendations.

8. Exposure controls/Personal protection

Occupational Exposure Limits:

No exposure limits set by NOHSC.

Engineering Control Measures:

Provide readily accessible eye wash stations and safety showers. Use under well ventilated condition. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits. If use indoors, open all windows and doors. Seal containers closed when not in use.

Personal Protection:

Eye contact Wear safety glasses. Skin contact Use protective clothing chemically resistant to this material. Long sleeve shirt and Tro+users without cuffs. Inhalation Wear appropriate respirator when ventilation is inadequate. Hand contact Use chemically resistant gloves. Wear nitrile, neoprene or butyl rubber gloves.

9. Physical and chemical properties

PHYSICAL DESCRIPTION & PROPERTIES
Appearance : White liquid
Odour : Mild
Boiling Point : Approximately 100oC
Melting Point : Not Applicable
Specific Gravity : 1.26 - 1.28
Flash Point : Not Applicable
Flammability Limits : Not Applicable
Solubility in water : Miscible with water
pH as supplied : 7 - 9
Vapour pressure : Not Applicable
Evaporation rate : Not Applicable
Auto ignition Temp.(C) : Not Applicable
Decomposition Temp(C) : Not Available
VOC Level : Zero

10. Stability and reactivity

Stability: Decomposition products depend upon temperature, air supply and presence of other materials. Gases are released during decomposition. Hazardous decomposition products include carbon monoxide, phenolic and water.

11. Toxicological Information

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the label of this product. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:
Eye: May cause eye irritation. Corneal injury is unlikely.
Skin: Prolonged or repeated contact may cause skin irritation. Skin sensitisation may occur.
Inhaled: Vapours are unlikely due to physical properties.
Swallowed: Harmful effects not anticipated from swallowing small amounts..
Bisphenol A diglycidyl ether resin liquid
Toxicity Irritant
Dermal (rat) LD50 > 1200 mg/Kg Eye (rabbit) 100 mg - mild
Oral (rat) LD50 > 1000 mg/Kg

12. Eco toxicological information

Avoid contaminating waterways and dispose of paint or washings into drains or stormwater channels. Avoid release to the environment. Material is toxic to aquatic organism. May cause long term adverse effect in the aquatic environment.

13. Disposal considerations

Recycle wherever possible. Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Unwanted paint should be mixed with the hardener component and allowed to dry and then disposal of via domestic waste collection. Empty paint cans should be left open in a good ventilated area to dry before disposal. Consult your State Land Waste Management Authority prior to disposal.

14. Transport information

Labels Required
Miscellaneous Marine Pollutant
Dangerous Goods
UN Name ENVIROMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S.
(contains bisphenol A/epichlorohydrin resin, liquid)
UN No. 3082
Packaging Group III
Hazchem 3Z
Class 9
* The UN 3082 does not apply when transported in packaging or IBC not exceeding 500Lt
Road and Rail Transport:
Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.
Marine Transport
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport:
Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory information

Classification: Classified as hazardous according to criteria of NOHSC.
Poisons Schedule: S5
A.I.C.S. Status: All components of the finished product are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

This material safety data sheet prepared by Fliese Imports Pty Ltd.