

SAFETY DATA SHEET
VUBA EPIPRIME PART A

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Compilation date: 21/10/2014
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Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: VUBA EPIPRIME PART A
Product code: VS.002(A)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC1: Adhesives, sealants. PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Vuba Supplies Limited
Unit C
Venture Business Park
Hull
HU3 4EL
United Kingdom
Tel: +44 (0) 1482 778 897
Email: supplies@vuba-group.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1482 778 897
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317
Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: 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.

Hazard pictograms: GHS07: Exclamation mark
GHS09: Environmental



Signal words: Warning

Precautionary statements: P262: Do not get in eyes, on skin, or on clothing.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

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contact lenses, if present and easy to do. Continue rinsing.
P309+311: IF exposed or if you feel unwell: Call a POISON CENTER/doctor.
P502: Refer to manufacturer/supplier for information on recovery/recycling.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} - REACH registered number(s): 01-2119456619-26-####

EINECS	CAS	PBT / WEL	CLP Classification	Percent
500-033-5	25068-38-6	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	50-90%

FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL - REACH registered number(s): 01-2119454392-40-####

500-006-8	9003-36-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	25-50%
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OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES

271-846-8	68609-97-2	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	10-25%
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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.
- Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
- Ingestion:** Wash out mouth with water. Transfer to hospital as soon as possible.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be irritation and redness at the site of contact. There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact. Irritation or pain may occur at the site of contact.
- Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred. There may be severe pain. There may be irritation and pain.
- Ingestion:** There may be soreness and redness of the mouth and throat. There may be vomiting.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

- Immediate / special treatment:** Eye bathing equipment should be available on the premises. Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.

Section 5: Fire-fighting measures

[cont...]

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

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Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Short & Long Term)	12.25 mg/m ³	Workers	Systemic
DNEL	Dermal (Short & Long Term)	8.33 mg/kg bw/day	Workers	Systemic
DNEL	Dermal (Short & Long Term)	3.571 mg/kg bw/day	General Population	Systemic
DNEL	Oral	0.75 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.006 mg/L	-	-
PNEC	Marine water	0.0006 mg/L	-	-
PNEC	Fresh water sediments	0.996 mg/kg sediment	-	-
PNEC	Marine sediments	0.0996 mg/kg sedimen	-	-
PNEC	Soil (agricultural)	0.196 mg/kg soil dw	-	-

FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	29.39 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	104.15 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	8.7 mg/m ³	General Population	Systemic
DNEL	Dermal (repeated dose)	62.5 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	6.25 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.003 mg/L	-	-
PNEC	Marine water	0.0003 mg/L	-	-
PNEC	Fresh water sediments	0.294 mg/kg sediment	-	-
PNEC	Marine sediments	0.0294 mg/kg sedimen	-	-
PNEC	Soil (agricultural)	0.237 mg/kg soil dw	-	-

OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	3.6 mg/m ³	Workers	-
DNEL	Dermal (repeated dose)	1 mg/kg bw/day	Workers	-
DNEL	Inhalation (repeated dose)	0.87 mg/m ³	General Population	-
DNEL	Dermal (repeated dose)	0.5 mg/kg bw/day	General Population	-
DNEL	Oral (repeated dose)	0.5 mg/kg bw/day	General Population	-
PNEC	Fresh water	0.0072 mg/L	-	-
PNEC	Marine water	0.00072 mg/L	-	-
PNEC	Fresh water sediments	307.16 mg/kg sedimen	-	-
PNEC	Marine sediments	30.72 mg/kg sediment	-	-
PNEC	Soil (agricultural)	61.42 mg/kg soil dw	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves. Gloves (alkali-resistant). Breakthrough time of the glove material > 2 hours. BS EN 374:2003

[cont...]

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- Eye protection:** Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.
Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid	
Colour:	Various	
Odour:	Characteristic odour	
Evaporation rate:	Negligible	
Oxidising:	Non-oxidising (by EC criteria)	
Solubility in water:	Not miscible	
Viscosity:	No data available.	
Kinematic viscosity:	1100 mPa.s	
Boiling point/range°C:	No data available.	Melting point/range°C: No data available.
Flammability limits %: lower:	No data available.	upper: No data available.
Flash point°C:	150	Part.coeff. n-octanol/water: No data available.
Autoflammability°C:	> 400	Vapour pressure: No data available.
Relative density:	1.120 g/ml	pH: No data available.
VOC g/l:	No data available.	

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

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Hazardous ingredients:

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}

ORL	MUS	LD50	15600	mg/kg
ORL	RAT	LD50	11400	mg/kg
SKN	RBT	LD50	>20	ml/kg

OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES

ORL	RAT	LD50	17100	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact. Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely. The vision may become blurred. There may be severe pain. There may be irritation and pain.

Ingestion: There may be soreness and redness of the mouth and throat. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company. Physico-chemical treatment not specified elsewhere in this Annex which

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results in final compounds or mixtures which are discarded by means of any of the other possible disposal operations (e.g. evaporation, drying, calcination, etc.).

Recovery operations: Not applicable.

Waste code number: 08 02 99

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT})

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable. This product is a Seveso category/named substance in Annex I of Council Directive 96/82/EC.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: 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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.