

**SAFETY DATA SHEET**  
VUBA PRIME HYDRAGUARD PART A

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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 PRIME HYDRAGUARD PART A  
**Product code:** VS.001(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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AMORPHOUS SILICA (FUMED) - REACH registered number(s): 01-2119379499-16-####

231-545-4	7631-86-9	Substance with a Community workplace exposure limit.	-	1-3%
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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.

[cont...]

## Section 5: Fire-fighting measures

### 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

**Hazardous ingredients:**

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**AMORPHOUS SILICA (FUMED)**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	2.4 mg/m <sup>3</sup>	-

**DNEL/PNEC Values**

**Hazardous ingredients:**

**BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Short & Long Term)	12.25 mg/m <sup>3</sup>	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 <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	104.15 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	8.7 mg/m <sup>3</sup>	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 <sup>3</sup>	Workers	-
DNEL	Dermal (repeated dose)	1 mg/kg bw/day	Workers	-
DNEL	Inhalation (repeated dose)	0.87 mg/m <sup>3</sup>	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	-	-

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PNEC	Soil (agricultural)	61.42 mg/kg soil dw	-	-
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### 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

**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.

[cont...]

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**10.6. Hazardous decomposition products**

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

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**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 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.

[cont...]

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**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.