

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porous Surfaces (Part A)

Rev 2.1: 22<sup>nd</sup> March 2023  
Code: 901-P

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### PRODUCT IDENTIFIER

- Product name Epoxy Primer Part A
- Product code 901-P

#### RELEVANT IDENTIFIED USE OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

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

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- Company name Newton Waterproofing Systems, Newton House, 17-19 Sovereign Way, Tonbridge, Kent TN9 1RH
- Website [www.newtonwaterproofing.co.uk](http://www.newtonwaterproofing.co.uk)
- Email address of the competent person [info@newtonwaterproofing.co.uk](mailto:info@newtonwaterproofing.co.uk)
- Emergency telephone number +44 (0)1732 360 095  
9am - 5pm (GMT) Mon - Fri

### 2. HAZARDS IDENTIFICATION

#### 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

#### 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

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- 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 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

### OTHER HAZARDS

- PBT This product is not identified as a PBT/vPvB substance

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### MIXTURES

- Hazardous ingredients

BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} - REACH REGISTERED NUMBER(S): 01-2119456619-26-####

EINECS NO.	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	50-95%

FORMALDEHYDE, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE AND PHENOL - REACH REGISTERED NUMBER(S): 01-2119454392-40-####

EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
500-006-8	9003-36-5	-	Skin Irrit. 2: H315 Skin Sens. 1: H317 Aquatic Chronic 2: H411	20-30%

OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES - REACH REGISTERED NUMBER(S): 01-2119485289-22-####

EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
271-846-8	68609-97-2	-	Skin Irrit. 2: H315 Skin Sens. 1: H317	10-20%

## 4. FIRST AID MEASURES

### 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

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part A)

### 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

### 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

## 5. FIRE-FIGHTING MEASURES

### 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

### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Exposure hazards In combustion emits toxic fumes

### ADVICE FOR FIRE-FIGHTERS

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

## 6. ACCIDENTAL RELEASE MEASURES

### 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

### ENVIRONMENTAL PRECAUTIONS

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

### 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

### REFERENCE TO OTHER SECTIONS

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

## 7. HANDLING AND STORAGE

### 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

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part A)

### 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

### SPECIFIC END USE(S)

- Specific end use(s) No data available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### CONTROL PARAMETERS

- Workplace exposure limits No data available

### 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 sediment	-	-
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 sediment	-	-
PNEC	Soil (agricultural)	0.237 mg/kg soil dw	-	-

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part A)

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

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 sediment	-	-
PNEC	Marine sediments	30.72 mg/kg sediment	-	-
PNEC	Soil (agricultural)	61.42 mg/kg soil dw	-	-

### 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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 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
- Flammability limits %: upper No data available
- Flash point°C 150
- Part.coeff. n-octanol/water No data available
- Autoflammability°C > 400
- Vapour pressure No data available

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part A)

- Relative density 1.120 g/ml
- pH No data available
- VOC g/l No data available

### OTHER INFORMATION

- Other information No data available

## 10. STABILITY AND REACTIVITY

### REACTIVITY

- Reactivity Stable under recommended transport or storage conditions

### CHEMICAL STABILITY

- Chemical stability Stable under normal conditions

### 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

### CONDITIONS TO AVOID

- Conditions to avoid Heat

### INCOMPATIBLE MATERIALS

- Materials to avoid Strong oxidising agents. Strong acids

### HAZARDOUS DECOMPOSITION PRODUCTS

- Haz. decomp. products In combustion emits toxic fumes

## 11. TOXICOLOGICAL INFORMATION

### 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

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part A)

- 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

### 12. ECOLOGICAL INFORMATION

#### TOXICITY

- Ecotoxicity values No data available

#### PERSISTENCE AND DEGRADABILITY

- Persistence and degradability Not biodegradable

#### BIOACCUMULATIVE POTENTIAL

- Bioaccumulative potential Bioaccumulation potential

#### MOBILITY IN SOIL

- Mobility Readily absorbed into soil

#### RESULTS OF PBT AND VPVB ASSESSMENT

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

#### OTHER ADVERSE EFFECTS

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

### 13. DISPOSAL CONSIDERATIONS

#### 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

### 14. TRANSPORT INFORMATION

#### UN NUMBER

- UN number UN3082

#### UN PROPER SHIPPING NAME

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

#### TRANSPORT HAZARD CLASS(ES)

- Transport class 9

# Epoxy Primer (Part A)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part A)

### PACKING GROUP

- Packing group III

### ENVIRONMENTAL HAZARDS

- Environmentally hazardous Yes
- Marine pollutant No

### SPECIAL PRECAUTIONS FOR USER

- Special precautions No special precautions
- Tunnel code E
- Transport category 3

## 15. REGULATORY INFORMATION

### 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

### CHEMICAL SAFETY ASSESSMENT

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

## 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



# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

Rev 2.1: 22<sup>nd</sup> March 2023

Code: 901-P

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### PRODUCT IDENTIFIER

- Product name Epoxy Primer Part B
- Product code 901-P

#### RELEVANT IDENTIFIED USE OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

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

#### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- Company name Newton Waterproofing Systems, Newton House, 17-19 Sovereign Way, Tonbridge, Kent TN9 1RH
- Website [www.newtonwaterproofing.co.uk](http://www.newtonwaterproofing.co.uk)
- Email address of the competent person [info@newtonwaterproofing.co.uk](mailto:info@newtonwaterproofing.co.uk)
- Emergency telephone number +44 (0)1732 360 095  
9am - 5pm (GMT) Mon - Fri

### 2. HAZARDS IDENTIFICATION

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

- Classification under CLP Repr. 2: H361f  
Skin Corr. 1B: H314  
Skin Sens. 1: H317  
Eye Dam. 1: H318
- Most important adverse effects Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility

#### LABEL ELEMENTS

- Hazard statements H314: Causes severe skin burns and eye damage.  
H317: May cause an allergic skin reaction  
H361f: Suspected of damaging fertility
- Hazard pictograms GHS05: Corrosion  
GHS07: Exclamation mark  
GHS08: Health hazard



- Signal words Danger

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

- Precautionary statements
  - P202: Do not handle until all safety precautions have been read and understood
  - P280: Wear protective gloves/protective clothing/eye protection/face protection
  - P285: In case of inadequate ventilation wear respiratory protection
  - P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting
  - P302+350: IF ON SKIN: Gently wash with plenty of soap and water
  - P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
  - P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove 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

### OTHER HAZARDS

- PBT This product is not identified as a PBT/vPvB substance

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### MIXTURES

- Hazardous ingredients

BENZYL ALCOHOL				
EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
202-859-9	100-51-6	-	Acute Tox. 4: H332 Acute Tox. 4: H302	25-50%
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE				
EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
220-666-8	2855-13-2	-	Acute Tox. 4: H312 Acute Tox. 4: H302; Skin Corr. 1B: H314 Skin Sens. 1: H317 Aquatic Chronic 3: H412	5-10%
M-PHENYLENEBIS(METHYLAMINE) - REACH REGISTERED NUMBER(S): 01-2119480150-50-####				
EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
216-032-5	1477-55-0	-	Acute Tox. 4: H302 Skin Corr. 1B: H314 Skin Sens. 1: H317 Aquatic Chronic 3: H412 Acute Tox. 4: H332; -: EUH071	5-10%
4,4'-ISOPROPYLIDENEDIPHENOL				
EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
201-245-8	80-05-7	-	Repr. 2: H361f STOT SE 3: H335 Eye Dam. 1: H318 Skin Sens. 1: H317	5-10%

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

3-AMINOPROPYLDIMETHYLAMINE				
EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
203-680-9	109-55-7	-	Flam. Liq. 3: H226 Acute Tox. 4: H302 Skin Corr. 1B: H314 Skin Sens. 1: H317	5-10%
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL. - REACH REGISTERED NUMBER(S): 01-2119560597-27-####				
EINECS NO.	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
202-013-9	90-72-2	-	Skin Corr. 1C: H314 Eye Dam. 1: H318 Skin Sens. 1B: H317	5-10%

### DESCRIPTION OF FIRST AID MEASURES

- Skin contact Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning
- Eye contact Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination
- Ingestion Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible
- Inhalation Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible

### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Skin contact Blistering may occur. Progressive ulceration will occur if treatment is not immediate. An itchy rash may occur at the site of contact. Irritation or pain may occur at the site of contact
- Eye contact Corneal burns may occur. May cause permanent damage. There may be severe pain. The vision may become blurred. The eyes may water profusely. May cause permanent blindness
- Ingestion Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose
- Inhalation There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing
- Delayed / immediate effects Immediate effects can be expected after short-term exposure

### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- Immediate / special treatment Show this safety data sheet to the doctor in attendance. Immediate medical attention is required. No data available

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

- Extinguishing media Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

#### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Exposure hazards Corrosive. In combustion emits toxic fumes

#### ADVICE FOR FIRE-FIGHTERS

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

### 6. ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- Personal precautions Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid

#### ENVIRONMENTAL PRECAUTIONS

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

#### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

- Clean-up procedures Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

#### REFERENCE TO OTHER SECTIONS

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

### 7. HANDLING AND STORAGE

#### 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

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage conditions Store in a cool, well ventilated area. Keep container tightly closed
- Suitable packaging Must only be kept in original packaging

#### SPECIFIC END USE(S)

- Specific end use(s) No data available

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### CONTROL PARAMETERS

- Hazardous ingredients 4,4'-ISOPROPYLIDENEDIPHENOL
- Workplace exposure limits Respirable dust

STATE	8 HOUR TWA	15 MIN. STEL	8 HOUR TWA	15 MIN. STEL
UK	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	-	-

#### DNEL/PNEC VALUES

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

- Hazardous ingredients

BENZYL ALCOHOL				
TYPE	EXPOSURE	VALUE	POPULATION	EFFECT
DNEL	Inhalation (repeated dose)	22 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation (repeated dose, Acute)	110 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	8 mg/kg bw/day	Workers	Systemic
DNEL	Dermal (repeated dose, Acute)	40 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	5.4 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Inhalation (repeated dose, Acute)	27 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (repeated dose)	4 mg/kg bw/day	General Population	Systemic
DNEL	Dermal (repeated dose, Acute)	20 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	4 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose, Acute)	20 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	1 mg/L	-	-
PNEC	Marine water	0.1 mg/L	-	-
PNEC	Fresh water sediments	5.27 mg/kg sediment	-	-
PNEC	Marine sediments	0.527 mg/kg sediment	-	-

3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE				
TYPE	EXPOSURE	VALUE	POPULATION	EFFECT
DNEL	Inhalation	0.073 mg/m <sup>3</sup>	Workers	Local
DNEL	Oral (repeated dose)	0.526 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.06 mg/L	-	-
PNEC	Marine water	0.006 mg/L	-	-
PNEC	Fresh water sediments	5.784 mg/kg sediment	-	-
PNEC	Marine sediments	0.578 mg/kg sediment	-	-
PNEC	Soil (agricultural)	1.121 mg/kg soil dw	-	-

M-PHENYLENEBIS(METHYLAMINE)				
TYPE	EXPOSURE	VALUE	POPULATION	EFFECT
DNEL	Inhalation (repeated dose)	1.2 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal (developmental tox)	0.33 mg/kg bw/day	Workers	Systemic
PNEC	Fresh water	0.094 mg/L	-	-
PNEC	Marine water	0.0094 mg/L	-	-
PNEC	Fresh water sediments	0.43 mg/kg sediment	-	-
PNEC	Marine sediments	0.045 mg/kg soil dw	-	-

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL				
TYPE	EXPOSURE	VALUE	POPULATION	EFFECT
PNEC	Fresh water	0.084 mg/L	-	-
PNEC	Marine water	0.0084 mg/L	-	-
DNEL	No data	-	-	-

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

### 4,4'-ISOPROPYLIDENEDIPHENOL

TYPE	EXPOSURE	VALUE	POPULATION	EFFECT
DNEL	Inhalation	10 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	1.4 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	0.25 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Inhalation (repeated dose)	5 mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal (repeated dose)	0.7 mg/kg bw/day	General Population	Systemic
DNEL	Oral (repeated dose)	0.05 mg/kg bw/day	General Population	Systemic
PNEC	Fresh water	0.018 mg/L	-	-
PNEC	Marine water	0.016 mg/L	-	-
PNEC	Fresh water sediments	2.2 mg/kg sediment	-	-
PNEC	Marine sediments	0.44 mg/kg sediment	-	-
PNEC	Soil (agricultural)	3.7 mg/kg soil dw	-	-
PNEC	Food chain	13.8 mg/kg food	-	-

### 3-AMINOPROPYLDIMETHYLAMINE

TYPE	EXPOSURE	VALUE	POPULATION	EFFECT
DNEL	Inhalation (repeated dose)	4.9 mg/m <sup>3</sup>	Workers	Systemic
PNEC	Fresh water	0.034 mg/L	-	-
PNEC	Marine water	0.0034 mg/L	-	-
PNEC	Fresh water sediments	0.221 mg/kg sediment	-	-
PNEC	Marine sediments	0.0221 mg/kg sediment	-	-
PNEC	Soil (agricultural)	0.0242 mg/kg soil dw	-	-

#### EXPOSURE CONTROLS

- Engineering measures  
Ensure there is sufficient ventilation of the area. Ensure there is exhaust ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place
- Respiratory protection  
Respiratory protection not required
- Hand protection  
Impermeable gloves. Breakthrough time of the glove material > 2 hours. Gloves (alkaliresistant). BS EN 374:2003
- Eye protection  
Tightly fitting safety goggles. Ensure eye bath is to hand
- Skin protection  
Impermeable protective clothing
- Environmental  
Refer to specific Member State legislation for requirements under Community environmental legislation

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- State  
Liquid
- Colour  
Yellow-brown
- Odour  
Characteristic odour
- Evaporation rate  
Negligible
- Oxidising  
Non-oxidising (by EC criteria)
- Solubility in water  
Not miscible

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

• Viscosity	Viscous
• Kinematic viscosity	600 mPa.s
• Boiling point/range°C	134
• Melting point/range°C	No data available
• Flammability limits %: lower	1.3 %
• Flammability limits %: upper	13.0 %
• Flash point°C	86
• Part.coeff. n-octanol/water	No data available
• Autoflammability°C	380
• Vapour pressure	0.3 hPa
• Relative density	1.020 g/ml
• pH	No data available
• VOC g/l	No data available

### OTHER INFORMATION

• Other information	No data available
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## 10. STABILITY AND REACTIVITY

### REACTIVITY

• Reactivity	Stable under recommended transport or storage conditions
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### CHEMICAL STABILITY

• Chemical stability	Stable under normal conditions
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### 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
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### CONDITIONS TO AVOID

• Conditions to avoid	Heat
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### INCOMPATIBLE MATERIALS

• Materials to avoid	Strong oxidising agents. Strong acids
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### HAZARDOUS DECOMPOSITION PRODUCTS

• Haz. decomp. products	In combustion emits toxic fumes
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# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

### 11. TOXICOLOGICAL INFORMATION

#### INFORMATION ON TOXICOLOGICAL EFFECTS

- Hazardous ingredients

BENZYL ALCOHOL				
IVN	RAT	LD50	53	mg/kg
ORL	MUS	LD50	1360	mg/kg
ORL	RAT	LD50	1230	mg/kg

4,4'-ISOPROPYLIDENEDIPHENOL				
ORL	MUS	LD50	2400	mg/kg
ORL	RAT	LD50	3250	mg/kg

3-AMINOPROPYLDIMETHYLAMINE				
ORL	RAT	LD50	1870	mg/kg
SKN	RBT	LD50	600	µl/kg

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL				
ORL	RAT	LD50	1200	mg/kg
SKN	RAT	LD50	1280	mg/kg

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
Reproductive toxicity	--	Hazardous: calculated

#### SYMPTOMS / ROUTES OF EXPOSURE

- Skin contact  
Blistering may occur. Progressive ulceration will occur if treatment is not immediate. An itchy rash may occur at the site of contact. Irritation or pain may occur at the site of contact
- Eye contact  
Corneal burns may occur. May cause permanent damage. There may be severe pain. The vision may become blurred. The eyes may water profusely. May cause permanent blindness
- Ingestion  
Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose
- Inhalation  
There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing
- Delayed / immediate effects  
Immediate effects can be expected after short-term exposure
- Other information  
Not applicable



# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

### 12. ECOLOGICAL INFORMATION

#### TOXICITY

- Hazardous ingredients

#### M-PHENYLENEBIS(METHYLAMINE)

Daphnia magna	48H EC50	15.2	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	20.3	mg/l
Orycias Latipes	96H LC50	87.6	mg/l

#### PERSISTENCE AND DEGRADABILITY

- Persistence and degradability Biodegradable

#### BIOACCUMULATIVE POTENTIAL

- Bioaccumulative potential No bioaccumulation potential

#### MOBILITY IN SOIL

- Mobility Readily absorbed into soil

#### RESULTS OF PBT AND VPVB ASSESSMENT

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

#### OTHER ADVERSE EFFECTS

- Other adverse effects Negligible ecotoxicity

### 13. DISPOSAL CONSIDERATIONS

#### 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

### 14. TRANSPORT INFORMATION

#### UN NUMBER

- UN number UN2735

#### UN PROPER SHIPPING NAME

- Shipping name AMINES, LIQUID, CORROSIVE, N.O.S. (M-PHENYLENEBIS(METHYLAMINE))

#### TRANSPORT HAZARD CLASS(ES)

- Transport class 8

#### PACKING GROUP

- Packing group III

#### ENVIRONMENTAL HAZARDS

# Epoxy Primer (Part B)

## Damp Tolerable Pre-Primer for Porus Surfaces (Part B)

- Environmentally hazardous No
- Marine pollutant No

### SPECIAL PRECAUTIONS FOR USER

- Tunnel code E
- Transport category 3

## 15. REGULATORY INFORMATION

### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

- Specific regulations Not applicable

### CHEMICAL SAFETY ASSESSMENT

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

## 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 EUH071: Corrosive to the respiratory tract  
H226: Flammable liquid and vapour  
H302: Harmful if swallowed  
H312: Harmful in contact with skin  
H314: Causes severe skin burns and eye damage  
H317: May cause an allergic skin reaction  
H318: Causes serious eye damage  
H332: Harmful if inhaled  
H335: May cause respiratory irritation  
H361f: Suspected of damaging fertility  
H412: Harmful 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