

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: RESICHEM 503 SPEP XL BASE COMPONENT

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Resimac Limited
Unit B, Park Barn Estate
Station Road
Topcliffe, Thirsk
North Yorkshire
YO7 3SE
United Kingdom

Tel: +44 (0) 1845 577498

Email: info@resimac.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1845 577498

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CHIP: Xi: R36/38; Sens.: R43; N: R51/53

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; -: EUH205

Most important adverse effects: Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements**Label elements:**

Hazard statements: EUH205: Contains epoxy constituents. May produce an allergic reaction.

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.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental

SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 2



Precautionary statements: P102: Keep out of reach of children.
P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P273: Avoid release to the environment.
P302+352: IF ON SKIN: Wash with plenty of 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.
P501: Dispose of contents/container to hazardous or special waste collection point.

Label elements under CHIP:

Hazard symbols: Irritant.
Dangerous for the environment.



Risk phrases: R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S2: Keep out of the reach of children.
S24: Avoid contact with skin.
S29: Do not empty into drains.
S37: Wear suitable gloves.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Precautionary phrases: Contains epoxy constituents. See information supplied by the manufacturer.

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}

| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|--------|-----|---------------------|--------------------|---------|
|--------|-----|---------------------|--------------------|---------|

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SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 3

| | | | | |
|-----------|------------|-----------------------------------|--|--------|
| 500-033-5 | 25068-38-6 | Xi: R36/38; Sens.: R43; N: R51/53 | Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411 | 50-70% |
|-----------|------------|-----------------------------------|--|--------|

BISPHENOL F TYPE EPOXY RESIN

| | | | | |
|-----------|------------|-----------------------------------|--|--------|
| 500-108-2 | 28064-14-4 | Xi: R36/38; N: R51/53; Sens.: R43 | Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Aquatic Chronic 2: H411 | 10-30% |
|-----------|------------|-----------------------------------|--|--------|

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

| | | | | |
|-----------|------------|---------------------|---|--------|
| 271-846-8 | 68609-97-2 | Xi: R38; Sens.: R43 | Skin Irrit. 2: H315; Skin Sens. 1: H317 | 10-30% |
|-----------|------------|---------------------|---|--------|

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.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Not applicable.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Not applicable.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

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SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 4

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Avoid incompatible materials and conditions - see section 10 of SDS.

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

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Impermeable protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

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SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 5

Colour: Colourless
Odour: Barely perceptible odour
Evaporation rate: Negligible
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Insoluble
Viscosity: Non-viscous
Boiling point/range°C: >200
Flash point°C: >150
Relative density: 1.15g/cc

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.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Flames.

10.5. Incompatible materials

Materials to avoid: Strong acids. Strong oxidising agents. Amines. Alkalis.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

| Route | Species | Test | Value | Units |
|-------|---------|------|-------|-------|
| ORAL | RAT | LD50 | >2000 | mg/kg |
| ORAL | RBT | LD50 | >2000 | mg/kg |

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SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 6

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 |
|-----|-----|------|-------|-------|

Relevant effects for mixture:

| Effect | Route | Basis |
|---------------|---------|-----------------------|
| Irritation | OPT DRM | Hazardous: calculated |
| Sensitisation | DRM | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

| Species | Test | Value | Units |
|---------|----------|-------|-------|
| FISH | 96H LC50 | 2 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Insoluble in water.

12.5. Results of PBT and vPvB assessment

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

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SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 7

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic 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. Mixed material, once fully cured, can be disposed as solid waste.

Waste code number: 08 04 09

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.
(BIPHENOL 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: Yes

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

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

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SAFETY DATA SHEET
RESICHEM SPEP XL BASE

Page: 8

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

Phrases used in s.2 and s.3: EUH205: Contains epoxy constituents. May produce an allergic reaction.

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.

R36/38: Irritating to eyes and skin.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.