



## SAFETY DATA SHEET

RESICON 5 PURE EPOXY

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Issued: 25/06/2010

Revision No: 1

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

**Product name:** RESICON 5 PURE EPOXY  
**Company name:** Heads & All Threads Ltd  
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### 2. HAZARDS IDENTIFICATION

**Classification under CHIP:** 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.

**Workplace exposure limit:** This substance does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** 1,6-HEXANDIOLDIGLYCIDYLETHER 3-10%  
EINECS: 240-260-4 CAS: 16096-31-4  
[Xi] R36/38; [Sens.] R43; [-] R52/53
- BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 20-30%  
EINECS: 500-033-5 CAS: 25068-38-6  
[Xi] R36/38; [Sens.] R43; [N] R51/53
  - BISPHENOL F-(EPICHLORHYDRIN), EPOXY RESIN 10-20%  
CAS: 28064-14-4  
[Xi] R36/38; [Sens.] R43; [N] R51/53
  - BENZYL ALCOHOL 3-10%  
EINECS: 202-859-9 CAS: 100-51-6  
[Xn] R20/22
  - 2-PIPERAZIN-1-YLETHYLAMINE 3-10%  
EINECS: 205-411-0 CAS: 140-31-8  
[Xn] R21/22; [C] R34; [Sens.] R43; [-] R52/53

[cont...]

**4. FIRST AID MEASURES**

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

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

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

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Dry chemical powder. Carbon dioxide. Foam.

**Exposure hazards:** Sealed, heated containers can pressurise leading to explosion. In combustion emits toxic fumes.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a suitable container. Wash the spillage site with large amounts of water.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Keep away from Heat and sources of ignition.

**Storage conditions:** Store in cool, well ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Respiratory protection is recommended.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Impermeable protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Paste

**Colour:** Various

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Flash point°C:** >100

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Materials to avoid:** Oxidising agents. Acids. Amines.

**Haz. decomp. products:** If exposed to high temperatures it will immit hazardous fumes and smoke.

**11. TOXICOLOGICAL INFORMATION**

**Acute effects:** Irritating to eyes and skin.

**Sensitisation:** May cause sensitisation by skin contact.

**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** Causes burns.

**12. ECOLOGICAL INFORMATION**

**PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Small quantities of the product can be mixed and allowed to cure, then can be disposed as solid waste.

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

**14. TRANSPORT INFORMATION**

**ADR / RID**

**UN no:** 1759

**ADR Class:** 8

**Packing group:** II

**Classification code:** C10

**Shipping name:** CORROSIVE SOLID, N.O.S. (BIPHENOL A-F EPOXY RESIN)

**Labelling:** 8+EHS

**Hazard ID no:** 80



**IMDG / IMO**

**UN no:** 1759

**Class:** 8

**Packing group:** II

**EmS:** F-A,S-B

**Labelling:** 8+EHS

**IATA / ICAO**

**UN no:** 1759

**Class:** 8

**Packing group:** II

**Packing instructions:** 814(P&CA); 816(CAO)

**Labelling:** 8+EHS

## 15. REGULATORY INFORMATION (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.

S37: Wear suitable gloves.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Haz. ingredients (label):** 1,6-HEXANDIOLDIGLYCIDYLETHER; BISPENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}; BISPENOL F-(EPICHLORHYDRIN), EPOXY RESIN; 2-PIPERAZIN-1-YLETHYLAMINE

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. OTHER INFORMATION

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

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

**Risk phrases used in s.3:** R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

R20/22: Harmful by inhalation and if swallowed.

R21/22: Harmful in contact with skin and if swallowed.

R34: Causes burns.

**SAFETY DATA SHEET**  
RESICON 5 PURE EPOXY

**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.