

SAFETY DATA SHEET

EPOXY RESIN PIGMENT PASTE - 50% SOLIDS CONTENT

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Issued: 03/01/2012

Revision No: 5

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

Product name: EPOXY RESIN PIGMENT PASTE - 50% SOLIDS CONTENT

Company name: CAMPBELL COUTTS LIMITED

7 Tower Industrial Estate

EASTLEIGH

Hampshire

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2. HAZARDS IDENTIFICATION

Main hazards: 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 10-30%

EINECS: 500-033-5 CAS: 25068-38-6

[Xi] R36/38; [Sens.] R43; [N] R51/53

- BISPHENOL F EPICHLOROHYDRIN RESIN WITH NUMBER AVERAGE 10-30%

CAS: 28064-14-4

[Xi] R36/38; [Sens.] R43; [N] R51/53

- ALIPHATIC GLYCIDYLETHER 1-10%

CAS: 68081-84-5

[Xi] R36/38; [Sens.] R43; [N] R51/53

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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

4. FIRST AID MEASURES (ACTION)

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

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol or polymer foam. Dry chemical powder. Water spray. Carbon dioxide. Unsuitable extinguishing media is water in a jet.

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

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
Eliminate all sources of ignition. No Smoking

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. If the material enters drains it should be pumped out into an open vessel, emergency services should be called to assist in this operation.

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

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.
Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Store at ambient temperature.
Keep away from food & drink & animal feeding stuffs.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory protection: Suitable respiratory protective device

Hand protection: Protective gloves.

Eye protection: Goggles giving complete protection to eyes and eyewash bottle with clean water.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: As pigmented.

Odour: Perceptible odour

Solubility in water: Insoluble

Boiling point/range°C: 150°C

Flash point°C: >100

Autoflammability°C: >200°C

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Take necessary action to avoid static electricity discharge.

Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.

Haz. decomp. products: In combustion emits toxic fumes. Thermal decomposition products may include: Oxides of carbon

11. TOXICOLOGICAL INFORMATION

Acute toxicity: EPOXY RESIN PIGMENT PASTE - 50% SOLIDS CONTENT

ORL RAT LD50 >5000 mg/kg

SKN RAT LD50 >2000 mg/kg

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

Chronic toxicity: May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water.

Persistence and degradability: Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

Bioaccumulative potential: Not determined.

Other adverse effects: Toxic to aquatic organisms. COD:- Not determined

13. DISPOSAL CONSIDERATIONS

Recover or recycle if possible.

Disposal of packaging: Where practical, containers and packaging should be recycled by a licensed contractor.

Arrange for collection by specialised disposal company.

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: 3082

ADR Class: 9

Packing group: III

Classification code: M6

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Labelling: 9+EHS

Hazard ID no: 90



SAFETY DATA SHEET

EPOXY RESIN PIGMENT PASTE - 50% SOLIDS CONTENT

IMDG / IMO

UN no: 3082 **Class:** 9
Packing group: III **EmS:** F-A,S-F
Marine pollutant: YES
Labelling: 9+EHS

**IATA / ICAO**

UN no: 3082 **Class:** 9
Packing group: III
Packing instructions: 914
Labelling: 9+EHS

15. REGULATORY INFORMATION

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: S24: Avoid contact with skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28: After contact with skin, wash immediately with plenty of soap and water.
S37/39: Wear suitable gloves and eye / face protection.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Haz. ingredients (label): BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}; BISPHENOL F
EPICHLOROHYDRIN RESIN WITH NUMBER AVERAGE; ALIPHATIC GLYCIDYLETHER

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

Risk phrases used in s.3: 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.

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.