



Aquarius Marine Coatings Ltd Safety Data Sheet

Issued: 01/06/2015
Revision No: 1

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

Product name: Coppercoat Base
Company name: Aquarius Marine Coatings Ltd
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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/F- EPOXY RESINS MW<700 30-60%
CAS: 40216-08-8
[Xi] R36/38; [Sens.] R43; [N] R51/53
• OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES <10%
EINECS: 271-846-8 CAS: 68609-97-2
[Xi] R38; [Sens.] R43
• TAP WATER 30%

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. The eyes may water profusely.
Ingestion: Nausea and stomach pain may occur.
Inhalation: May cause slight nausea in confined spaces

4. FIRST AID MEASURES (ACTION)

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: Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure hazards: In combustion emits toxic fumes.
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: Refer to section 8 of SDS for personal protection details. 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: Do not discharge into drains or rivers. Contain the spillage using binding.

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

7. HANDLING AND STORAGE

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

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves. Butyl gloves. Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: White

Odour: Barely perceptible odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Also soluble in: Most organic solvents.

Viscosity: Viscous

Flash point °C: >100

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Amines.

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

11. TOXICOLOGICAL INFORMATION

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

ORL RAT LD50 17100 mg/kg

Chronic toxicity: May cause sensitisation by skin contact.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

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

13. DISPOSAL CONSIDERATIONS

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

Labelling: 9

Hazard ID no: 90

**IMDG / IMO**

UN no: 3082

Class: 9

Packing group: III

EmS: F-A,S-F

Marine pollutant: .

Labelling: 9

IATA / ICAO

UN no: 3082 Class: 9

Packing group: III

Packing instructions: 914

Labelling: 9

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.

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.**Haz. ingredients (label):** BISPHENOL A/F- EPOXY RESINS MW<700; OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES**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.**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.

R38: Irritating to skin.

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.