



PEP-COAT 2010 SURFACING SYSTEM

Seals and Protects Concrete Pavements

Part A

MATERIAL SAFETY DATA SHEET Part A

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1) SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

CHEMICAL NATURE: Pep-Coat 2010 - PART A

Use of substance/preparation: Base component of a 2 part epoxy resin coating RESTRICTED TO PROFESSIONAL USERS

COMPANY: Dantex Limited
Communications House
26 York Street London W1U 6PZ

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FAX NO: 02071128010

E-MAIL: enquiries@dantexltd.com

2) HAZARDS IDENTIFICATION

MAIN HAZARDS: Toxic in contact with skin and if swallowed. Causes burns. 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

4) FIRST AID MEASURES (SYMPTOMS)

SKIN CONTACT: Irritation or pain may occur at the site of contact. Blistering may occur.

EYE CONTACT: There may be severe pain. Corneal burns may occur.

INGESTION: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Severe poisoning can cause shock, unconsciousness and convulsions.

INHALATION: There may be shortness of breath with a burning sensation in the throat. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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.



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INGESTION: Wash out mouth with water. 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.

INHALATION: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

5) FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

EXPOSURE HAZARDS: Toxic. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

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: 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. Do not attempt to take action without suitable protective clothing - see section 8 OF MSDS. 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 bunding.

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.

7) HANDLING AND STORAGE

HANDLING REQUIREMENTS: Avoid direct contact with the substance. Ensure there is exhaust ventilation of the area. Avoid the formation or spread of mists in the air.

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.

SUITABLE PACKAGING: Steel drums. Stainless steel pails.

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES: Ensure there is exhaust ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.



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RESPIRATORY PROTECTION: Respiratory protection not required. in good ventilation conditions. If in doubt , use respiratory protection Gas/vapour filter, type A: organic vapours (EN141).

HAND PROTECTION: Impermeable gloves. Butyl gloves. Nitrile gloves.

EYE PROTECTION: Safety goggles. Ensure eye bath is to hand

SKIN PROTECTION: Impermeable protective clothing.

9) PHYSICAL AND CHEMICAL PROPERTIES

STATE: Liquid

COLOUR: Pale yellow

ODOUR: Characteristic odour

EVAPORATION RATE: Negligible

OXIDISING: Non-oxidising (by EC criteria)

SOLUBILITY IN WATER: Slightly soluble

ALSO SOLUBLE IN: Most organic solvents

VISCOSITY: Viscous

VISCOSITY VALUE: 4.5 Pa.s

VISCOSITY TEST METHOD: Brookfield viscometer @ 20°C

BOILING POINT/RANGE°C: >200

FLASH POINT°C: >150

RELATIVE DENSITY: 1.15

VOC g/l: 0

10) STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Heat. Hot surfaces. Flames.

MATERIALS TO AVOID: Strong oxidising agents. Strong acids.

HAZ. DECOMP. PRODUCTS: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY : May cause sensitisation by skin contact.

Danger of serious damage to health by prolonged exposure in contact with skin.

Danger of serious damage to health by prolonged exposure if swallowed.

ROUTES OF EXPOSURE: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12) ECOLOGICAL INFORMATION

MOBILITY: Heavier than water, Insoluble in water, Readily absorbed into soil.



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PERSISTENCE AND DEGRADABILITY: Biodegradable in part only.

BIOACCUMULATIVE POTENTIAL: Bioaccumulation potential.

OTHER ADVERSE EFFECTS: Toxic to aquatic organisms. Toxic to soil organisms.

13) DISPOSAL CONSIDERATION

DISPOSAL OPERATIONS: D10 Incineration on land. R2 Recycling/reclamation of organic substances which are not used as solvents.

DISPOSAL OF PACKAGING: 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

RID/ADR:

UN no: 2927

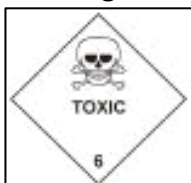
ADR Class: 6.1

Packing group: II **Classification code:** TC1

Shipping name: TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S. (contains cresol {mixture}, epoxy resins)

Labelling: 6.1+8

Hazard ID no: 68



IMDG / IMO:

UN no: 2927

Class: 6.1

Packing group: II **EmS:** F-A,S-B

Marine pollutant: Yes

Labelling: 6.1+8

IATA / ICAO:

UN no: 2927

Class: 6.1

Packing group: II **Subsidiary risk:** 8

Packing instructions: 609(P&CA); 611(CAO)

Labelling: 6.1+8

15) REGULATORY INFORMATION

HAZARD SYMBOLS: Dangerous for the environment. Toxic.



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RISK PHRASES: R24/25: Toxic in contact with skin and if swallowed.
R34: Causes burns.
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: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

HAZ. INGREDIENTS (LABEL): 4,4'-ISOPROPYLIDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE; CRESOL {MIXTURE}

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

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.

PRODUCT USE: The provisions of this Safety Data Sheets come under Regulation 6 of Chip*. In addition to this, the users of products supplied by Dantex Limited must take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health (COSHH).

*CHIP is the recognised abbreviation for the Chemicals Abbreviation Hazardous Information and Packaging regulations 1993.

DATE OF REVISION: November 2011

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