



Dantex PEP-Coat® 2010 Part A

Seals and Protects Concrete Pavements



MATERIAL SAFETY DATA SHEET Latest Revision - March 2020

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PRODUCT: Dantex PEP-Coat 2010 Part A
OTHER NAMES: Eco Grip
STOCK CODES:

1. SUBSTANCE / PREPARATION & COMPANY IDENTIFICATION:

CHEMICAL NATURE: Resin based adhesive for surfacing.

COMPANY: Walker Sealants Limited
Outland Head Works
Hope Valley, Bradwell
Derbyshire, S33 9JP

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2. COMPOSITION / INFORMATION ON INGREDIENTS:

CONTAINS: Mixture

3. HAZARD IDENTIFICATION:

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Acute Tox. 4, H302
Skin Irrit. 2, H315
Eye Irrit. 2, H319
Skin Sens. 1, H317
Aquatic Chronic 2, H411

Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification: Xi; R36/38 R43, N; R51/53

Human Health & Environmental Hazards: Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

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





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Substance / Mixture: Mono-constituent substance					
Product / ingredient name	Classification				
	Identifiers	%	67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	Type
Reaction product: Bisphenol A-(epichlorhydrin)	EC: 500-033-5 CAS: 25068-38-6 Index: 603-074-00-8	>=90	Xi; R36/38 R43 N; R51/53	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317	[1]
Oxirane, mono[(C12-14-alkoxy)methyl]derivs	EC: 271-846-8 CAS: 68609-97-2 Index: 603-103-00-4	1-10	Xi; R38 R43	Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1]
Oils, pine	CAS: 8002-09-3	1-10	Xn; R22 Xi; R36/37/38	Skin Sens. 1, H317 Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 2, H371 STOT SE 3, H335	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

4. FIRST AID MEASURES:

In all cases if symptoms are severe, persist or cause concern obtain immediate medical advice. First aid procedures apply when the product is at elevated temperature.

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

EYES: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

SKIN: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure.

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INGESTION: Wash mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

PROTECTION OF FIRST AIDERS: No Action should be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

POTENTIAL ACUTE HEALTH EFFECTS:

Eye contact	Irritating to eyes.
Inhalation	No known significant effects or critical hazards.
Skin contact	Irritating to skin. May cause sensitisation by skin contact.
Ingestion	Irritating to mouth, throat and stomach.

OVER-EXPOSURE SIGNS/SYMPTOMS:

Eye contact	Adverse symptoms may include the following: irritation watering redness
Inhalation	No known significant effects or critical hazards.
Skin contact	Adverse symptoms may include the following: irritation redness
Ingestion	No known significant effects or critical hazards.

5. FIRE FIGHTING MEASURES:

SUITABLE EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemicals, Foam, Water Fog/Mist

PROTECTIVE EQUIPMENT: Use full protective clothing and self-contained breathing apparatus. Fires in confined spaces should be dealt with by trained personnel.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Decomposition products may include the following materials:

- carbon dioxide
- carbon monoxide
- halogenated compounds

ADVICE FOR FIREFIGHTERS:

Special protective actions for fire-fighters: This material is toxic to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.



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Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES:

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training.
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.
Do not touch or walk through spilt material.
Avoid breathing vapour or mist.
Provide adequate ventilation.
Wear appropriate respirator when ventilation is inadequate.
Put on appropriate personal protective equipment.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

6.2 ENVIRONMENTAL PRECAUTIONS:

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Water polluting material.
May be harmful to the environment if released in large quantities.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Small spill Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose via a licensed waste disposal contractor.

Large spill Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

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7. HANDLING & STORAGE:

PROTECTIVE MEASURES: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Refer to special instructions/safety data sheet. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

STORAGE: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination

8. EXPOSURE CONTROL / PERSONAL PROTECTION:

APPROPRIATE ENGINEERING CONTROLS: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

INDIVIDUAL PROTECTION MEASURES:

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

SKIN PROTECTION:

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.



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Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL & CHEMICAL PROPERTIES:

COLOUR: Pale Yellow
FORM: Clear Viscous Liquid
PH: 6 to 7

10. STABILITY & REACTIVITY:

REACTIVITY: No specific test data related to reactivity available for this product or its ingredients.

CHEMICAL STABILITY: The product is stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: No specific data.

INCOMPATIBLE MATERIALS: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY				
Product / ingredient name	Result	Species	Dose	Exposure
Oxirane, mono[(C12-14-alkyloxy)methyl]derivs	LD50 Oral	Rat	17100 mg/kg	-
Oils, pine	LD50 Dermal	Rabbit	5 g/kg	-
	LD50 Oral	Rat	2.1 g/kg	-

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IRRITATION / CORROSION					
Product / ingredient name	Result	Species	Score	Exposure	Observation
Reaction product: Bisphenol A-(epichlorhydrin)	Eyes - Moderate irritant	Rabbit	-	24 hours 20 milligrams	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 microliters	-
	Eyes - Mild irritant	Rabbit	-	100 milligrams	-
	Eyes - Severe irritant	Rabbit	-	24 hours 5 milligrams	-
	Skin - Severe irritant	Rabbit	-	24 hours 2 milligrams	-
Oxirane, mono[(C12-14-alkyloxy)methyl]derivs	Skin - Moderate irritant	Rabbit	-	24 hours 500 microliters	-
Oils, pine	Skin - Severe irritant	Rabbit	-	24 hours 500 milligrams	-

POTENTIAL ACUTE HEALTH EFFECTS:

Eye contact	Irritating to eyes.
Inhalation	No known significant effects or critical hazards.
Skin contact	Irritating to skin. May cause sensitisation by skin contact.
Ingestion	Irritating to mouth, throat and stomach.

OVER-EXPOSURE SIGNS/SYMPTOMS:

Eye contact	Adverse symptoms may include the following: irritation watering redness
Inhalation	No known significant effects or critical hazards.
Skin contact	Adverse symptoms may include the following: irritation redness
Ingestion	No known significant effects or critical hazards.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Eye contact	Adverse symptoms may include the following: irritation watering redness
Inhalation	No known significant effects or critical hazards.
Skin contact	Adverse symptoms may include the following: irritation redness
Ingestion	No known significant effects or critical hazards.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS:

SHORT TERM EXPOSURE:

Potential immediate effects	No known significant effects or critical hazards.
Potential delayed effects	No known significant effects or critical hazards.



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LONG TERM EXPOSURE:

Potential immediate effects No known significant effects or critical hazards.
Potential delayed effects No known significant effects or critical hazards.

POTENTIAL CHRONIC HEALTH EFFECTS:

General Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity No known significant effects or critical hazards.
Mutagenicity No known significant effects or critical hazards.
Teratogenicity No known significant effects or critical hazards.
Developmental effects No known significant effects or critical hazards.
Fertility effects No known significant effects or critical hazards.
Other information Not available.

Product / ingredient name	Result	Species	Exposure
Oils, pine	Acute EC50 24.5 to 28 ppm Fresh water Acute LC50 18.35 to 21 ppm Fresh water	Daphnia - Daphnia magna - <24 hours Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatchling, Weanling)	48 hours 96 hours

12. TRANSPORT INFORMATION:

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	UN3082	UN3082	UN3082	UN3082
14.2 UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Reaction product: Bisphenol A-(epichlorhydrin))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Reaction product: Bisphenol A-(epichlorhydrin))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Reaction product: Bisphenol A-(epichlorhydrin)) Marine pollutant	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (Reaction product: Bisphenol A-(epichlorhydrin))
14.3 Transport hazard class(es)	9 See below	9 See below	9 See below	9 See below
14.4 Packing group	III	III	III	III
14.5 Environmental hazards	Yes	Yes	Yes	Yes
14.6 Special precautions for user	Not available.	Not available.	Not available.	Not available.



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13. DISPOSAL INFORMATION:

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

WASTE TREATMENT METHODS:

PRODUCT:

Methods of disposal

Hazardous waste: The classification of the product may meet the criteria for a hazardous waste.

PACKAGING:

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions

This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. ECOLOGICAL INFORMATION:

SEE TOXICOLOGY ABOVE

15. REGULATORY INFORMATION:

EC LABELLING AS REQUIRED BY CHIP*

SYMBOL(S) EC: Not classified according to EEC directives 67/548/EEC and 88/379/EC.

S36/37/39: Wear suitable protective clothing.

16. OTHER INFORMATION:

Full text of abbreviated H Statements

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H371 May cause damage to organs.
H411 Toxic to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS] Acute Tox. 4, H302
Aquatic Chronic 2, H411

ACUTE TOXICITY: ORAL - Category 4
AQUATIC TOXICITY (CHRONIC) - Category 2



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Eye Irrit. 2, H319	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 3, H226	FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2, H315	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317	SKIN SENSITIZATION - Category 1
STOT SE 2, H371	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [lungs] - Category 2
STOT SE 3, H335	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Respiratory tract irritation] - Category 3

Full text of abbreviated R phrases

R22- Harmful if swallowed.
R38- Irritating to skin.
R36/38- Irritating to eyes and skin.
R36/37/38- Irritating to eyes, respiratory system 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.

Full text of classifications [DSD/DPD]

Xn - Harmful
Xi - Irritant
N - Dangerous for the environment

PRODUCT USE:

The provisions of Safety Data Sheets come under the REACH and CHIP regulations. This is in addition to the users of products supplied by Walker Sealants Limited should take appropriate measures to ensure working practices are in accordance with the Control of Substances Hazardous to Health (COSHH).

The information in the MSDS was obtained from sources believed to be reliable. The information is provided with no warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons we assume no responsibility and expressly disclaim liability for loss, damage or expense arising from, or in any way connected with the handling, storage, use or disposal of this material.

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