



Dantex PEP-Coat® 2010 Part B

Seals and Protects Concrete Pavements



MATERIAL SAFETY DATA SHEET Latest Revision - March 2020

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PRODUCT: Dantex PEP-Coat 2010 Part B
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
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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 Corr. 1A, H314 Eye Dam. 1, H318

Skin Sens. 1, H317 Repr. 2, H361fd

Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

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

Classification: Repr. Cat. 3; R62, R63 Xn; R22 C; R34 R43 N; R50/53

Human Health & Environmental Hazards: Possible risk of impaired fertility. Possible risk of harm to the unborn child. Harmful if swallowed. Causes burns. May cause sensitisation by skin contact.

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





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Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

Very toxic to aquatic life with long lasting effects.

P201 - Obtain special instructions before use.

P280 - Wear protective gloves. Wear eye or face protection. Wear protective clothing.

P273 - Avoid release to the environment.

P304 + P340 + P310 - **IF INHALED**: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or physician.

P301 + P310 + P331 - **IF SWALLOWED**: Immediately call a POISON CENTRE or physician. Do NOT induce vomiting.

P303 + P361 + P353 + P310 - **IF ON SKIN** (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTRE or physician.

P305 + P310 - **IF IN EYES**: Immediately call a POISON CENTRE or physician.

P405 - Store locked up.

Corrosive, Dangerous for the environment

R62 - Possible risk of impaired fertility.

R63 - Possible risk of harm to the unborn child.

R22 - Harmful if swallowed.

R34 - Causes burns.

R43 - May cause sensitisation by skin contact.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

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 sheet.

4-nonylphenol, branched Naphthenic acids diethylenetriamine

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: Get medical attention immediately. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. If unconscious, place in recovery position

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and get medical attention immediately. Maintain an open airway. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

EYES: Get medical attention immediately. 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. Chemical burns must be treated promptly by a physician.

SKIN: Get medical attention immediately. 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. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure.

INGESTION: Get medical attention immediately. Wash out 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. Chemical burns must be treated promptly by a physician. 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 shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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	Corrosive to Eyes. May give off vapor or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard.
Inhalation	Serious effects may be delayed following exposure.
Skin contact	Corrosive to skin. May cause burns or sensitisation by skin contact.
Ingestion	Harmful if swallowed, may cause burns to mouth, throat and stomach.

OVER-EXPOSURE SIGNS/SYMPTOMS:

Eye contact	Adverse symptoms may include the following: Pain watering redness
Inhalation	Adverse symptoms may include the following: Reduced foetal weight Increase in foetal deaths Skeletal malformations
Skin contact	Adverse symptoms may include the following: Irritation Pain Blistering may occur



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Ingestion Reduced foetal weight, increased death and skeletal malformations
redness
Adverse symptoms may include the following:
Stomach pains
Reduced foetal weight
Increase in foetal deaths
Skeletal malformations

NOTES TO PHYSICIAN: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

SPECIFIC TREATMENTS: No specific treatment.

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
- Nitrogen oxides

ADVICE FOR FIREFIGHTERS:

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

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.

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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.

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



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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: If user operations generate dust, fumes, gas, vapour or mist use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants 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.

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: Amber

FORM: Liquid

PH: >11, ODOUR: Ammoniacal

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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:

See section 3. For Hazard Information

Product / ingredient name	Result	Species	Exposure
4-nonylphenol, branched	Acute EC50 0.03 mg/L Marine water	Algae - Skeletonema costatum	72 hours
	Acute EC50 0.027 mg/L Marine water	Algae - Skeletonema costatum	96 hours
	Acute EC50 137 to 160 ug/L Marine water	Crustaceans - Eohaustorius estuarius	48 hours
	Acute LC50 17 ug/L Marine water	- Adult Fish - Pleuronectes americanus - Larvae - 2 days Fish - Pimephales promelas - Embryo - <24 hours	96 hours
Naphthenic acids diethylenetriamine	Chronic NOEC 7.4 ug/L Fresh water	Algae - Navicula seminulum Fish - Lepomis macrochirus	33 days
Oils, pine	Acute EC50 26000 ug/L Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute LC50 5600 ug/L Fresh water	Daphnia - Daphnia magna	96 hours
	Acute EC50 345600 ug/L Fresh water	Fish - Poecilia reticulata	96 hours
	Acute LC50 53500 ug/L Fresh water	Daphnia - Daphnia magna - <24 hours	48 hours
	Acute EC50 1014000 ug/L Fresh water	Fish - Oncorhynchus mykiss - Juvenile	96 hours
	Acute EC50 24.5 to 28 ppm Fresh water	(Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 18.35 to 21 ppm Fresh water		96 hours



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12. TRANSPORT INFORMATION:

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	UN3267	UN3267	UN3267	UN3267
14.2 UN proper shipping name	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (diethylenetriamine)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (diethylenetriamine)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (diethylenetriamine). Marine pollutant (4-nonylphenol, branched, Naphthenic acids)	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (diethylenetriamine)
14.3 Transport hazard class(es)	8 See below	8 See below	8 See below	8 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.
Additional Information	-	-	-	-

Exemption to the above classification may apply.



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

The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste

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

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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.
H312 Harmful if swallowed
H314 Causes severe skin burns and eye damage
H318 Causes serious Eye damage
H361fd Suspected of damaging fertility and unborn child
H400 Very toxic to aquatic life
H410 very toxic to aquatic life with long lasting affects

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



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