

SAFETY SHEET

Permacon Version 001-201307

Based on Regulation (EG) Nr. 1907/2006 (REACH) Article 31 and Annex II

1. Identification of the substance or preparation and of the company

Product name: Permacon
Product application: Deep penetrating sealant of concrete. A concrete treatment that is applied to the surface of existing concrete structures.

Company: Ecoform Europe
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Update by: Ecoform Europe
Date created: May 25, 1995

2. Composition / Information on hazardous ingredients

Ingredients: Inert 70%, water, natural ingredients 30%

3. Chemical identity information

Chemical name and synonyms

Chemical mix (proprietary blend) with water, penetrating and bonding catalysts, inert materials.

4. Hazard classification

4 - extreme	Fire Hazard 0
3 - high	Health 1
2 - moderate	Reactivity 0
1 - light	Special Hazards 0
0 - unimportant	

5. Physical and safety data

Physical and chemical properties

Boiling point:	100 °C / 212 °F
Specific area:	1.134
Evaporation:	not applicable
Vapor concentration:	not applicable
Melting point:	not applicable
Toxic to humans, flora or fauna:	not applicable
Reactivity in water:	not applicable

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Soluble in water: 100%
Shelf life: 24 months unopened / opened 12 months
Appearance and odour: Clear, liquid water, soap fragrance. Not flammable or explosive.

Short-term exposure to the liquid involves little or no risk. It can irritate the eyes, skin and respiratory tract. Permacon is a clear liquid, with sodium methyl polymerized compounds and organic and inorganic solids. Dissolved in distilled water. Free from wax and petrochemical components, non-toxic, non-flammable, non-hazardous and safe for humans and the environment.

6. Reactivity data

Chemical stability: Stable under all circumstances.
Compatibility: Do not mix with heavy mineral or organic acids.
Hazardous decomposition products: None
Hazardous polymers: None
National Toxicology Program: None
I.A.R.C. Monograph: None
NPT Monograph: None

7. Toxicological information

Eyes, skin, respiratory, digestive irritation (like soap), no lasting effects.

Chronic: None
Carcinogens: None

8. Ecological Information

Ecotoxicity

The product is not expected to be hazardous to the environment.
Under certain circumstances, the addition of large quantities of water may lead to an increase of the pH which can be toxic to organisms living in the water.

No frost damage (shake well before use).

No fumes during use.

9. Disposal

Always cleanup used materials in accordance with local and/or state regulations.

10. Emergencies and First Aid

Eye contact: Do not rub, stress may damage the cornea. Remove contact lenses, open eyelids and flush immediately with clean water for at least 15 minutes. Contact an occupational physician or ophthalmologist.

Skin contact: Remove and rinse with plenty of water. Remove contaminated clothing, footwear,

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watches, ect. Thoroughly clean before wearing again. Contact the occupational doctor or a general practitioner.

Ingestion: Immediate danger: Irritation when swallowing
Do not induce vomiting. If the person is conscious, rinse mouth with water and give plenty of water to drink. Seek immediate medical help or contact with anti-poison center.

Inhalation: Lots of fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention if discomfort persists.

It is advisable to wear rubber gloves and goggles because of the alkaline nature of the product.

11. Personal Protection

Personal protective equipment

Gloves: Chemical resistant rubber or nitrile gloves.
Gas Mask: Approved with particulate filter or cartridge.
Eyes: Safety goggles or safety glasses with side shields.
Shoes: Waterproof.
Clothing: Long sleeves and long pants to avoid skin contact.
Other: After treatment, wash thoroughly with water and soap.

12. Special precautions for spillage or leakage

Transportation and storage: Store as a pathogen.
Permacon will degrease the skin, rubber gloves are therefore recommended.

Other kind of protection does not apply.

In case of spills: Use an absorbent material to remove Permacon.

13. Special protection

Respiratory protection: Use dust mask
Ventilation: Ventilate the area
Hand protection: Plastic or rubber gloves
Eye protection: Safety glasses
Protective equipment: Not required

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14. Special information

Keep container closed when not in use.

Store away from heat elements. When frozen, thaw and use it again (shake well).

Physical, chemical and safety information: in consultation with the OSAH 174, Date September 1985.

15. Transportation information

Special shipping information:

This product is not classified as a hazardous material under the European directives.