

COSHH / Material Safety Data Sheet

1. Identification of the substance/preparation and company.

MSDS Name: Pump Save Concrete Retarder
Catalogue numbers: none
Product name: Pump Save Concrete Retarder
Physical state: **Powder**
Company Identification: Basement Expert Ltd
For information call: 07773 377087

2. Composition and information on ingredients.

Product is a blend of fine sands and carbon-based powder.

Contains no substances presenting a health hazard

Hazard symbols: none

3. Hazards identification.

Emergency overview

Eye: Acute eye contact may cause eye irritation.

Skin: No chemical reaction with skin.

Ingestion: May cause gastrointestinal disturbance with nausea, abdominal discomfort, pain and diarrhoea.

Inhalation: May cause coughing, sneezing, sore throat and breathing discomfort.

Chronic problems: none.

4. First-aid measures.

Eyes: Immediately flush eyes with plenty of water occasionally lifting the upper and lower eyelids until no sand remains. Get medical attention if irritation continues.

Skin: Rinse off skin with clean water. Be particularly careful to clean folds, crevices and groin. Cover the skin with an emollient (moisturiser). If irritation develops or persists seek medical attention.

Ingestion: Wash out mouth with water. Loosen clothing such as a collar or belt. If irritation develops or persists seek medical attention.

Inhalation: Remove from exposure to fresh air immediately. If irritation develops or persists seek medical attention.

Notes to physician: none.

5. Fire fighting measures.

General information.

The product will melt and could catch fire in a prolonged flame.

Minimise dust creation during use.

Do not open the protective bags.

Extinguishing media: use the media most appropriate to extinguish the surrounding fire: water, dry chemical, carbon dioxide or appropriate foam.

6. Accidental release measures.

Personal precautions: See section 8.

Environmental precautions: Observe local by-laws.

Spills: Evacuate personnel to a safe area. Sweep up and place in safe containers for use in concrete or dispose of according to local regulations. The most practical, safe way to dispose of highly contaminated product is to create a solution in water and mix with non-structural concrete during mixing.

The product cannot be used to retard concrete if it is no longer the same weight as when it was in its packet.

Avoid dust formation.

Avoid breathing dust.

Shut off the source of the spill only if it is safe to do so.

Do not let the product enter drains.

7. Handling and storage.

General information: Keep containers dry.

Handling: Use good industrial practice to handle with care, and avoid unnecessary personal contact.

Avoid physical damage to containers.

Do not eat, drink or smoke while handling the product.

Keep out of reach of children.

Storage: Store in a cool, dry, ventilated area away from incompatible substances. Do not store in direct sunlight. Cover/close partly emptied outer containers. Keep out of reach of children.

8. Exposure controls and personal protection.

Engineering controls:

The powder is contained within soluble paper bags. Keep the bags completely dry, for instance do not hold in the bare hand which will perspire, until they are added to a wet concrete mix.

Facilities storing or utilising this material should be equipped with an eyewash facility.

Use adequate ventilation to keep any airborne concentrations low.

Personal protection equipment:

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate gloves and clothing suited to concreting.

Ingestion: Do not eat, drink or smoke while handling the product.

Inhalation: Respiratory protection not normally required.

9. Physical and chemical properties.

Physical state/appearance: powder; colour: pale pink; odour: odourless.

PH: 6.9

Vapour pressure: no information.

Viscosity: no information.

Boiling point: no information.

Freezing/melting point: no information.

Autoignition: no information.

Flash point: no information.

Explosive properties: no information.

Decomposition temperature: no information.

Solubility in water: Partly Soluble.

Specific gravity/density: no information.

Molecular formula: no information.

Molecular weight: no information.

10. Stability and reactivity.

Chemical stability: Stable under normal temperatures and pressure.

Conditions to avoid: Incompatible materials. Dust generation. Exposure to moist air or water (until used as described).

Incompatibilities with other material: Strong oxidising agents. Strong bases.

Hazardous decomposition products: Nature of decomposition products not known.

Hazardous polymerisation: Will not occur.

11. Toxicological information.

Non-toxic

12. Ecological information.

No environmental harm.

13. Disposal considerations.

Dispose to landfill or compost.

14. Transport information.

IATA: not regulated

IMDG: not regulated

RID/ADR: not regulated

15. Regulatory information.

Regulatory information: Refer to local, national, EU and other international regulations.

Hazard symbols: no information available.

Risk Phrases: no information available.

Safety phrases:

S22 Do not breathe dust.

S24/25 Avoid contact with eyes and skin.

16. Additional information.

MSDS creation date: 14 July 2017

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. The information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Company name: Basement Expert Ltd

Date: 14 July 2017

Authorised person: Phillip Sacre, Director.