

Permaban Dry-Shake

COSHH Health & Safety Data

DATASHEET ISSUE 1.1
27 MARCH 2008

Permashake Quartz SRF, Alloy, Natural and Coloured Dry Shake
Permashield Natural & Alloy Dry Shake

IDENTIFICATION/COMPANY DETAILS

PRODUCT NAME : Permashake Quartz SRF Natural and Coloured
Permashake Quartz SRF Alloy Natural and Coloured
Permashield Dry Shake Natural and Coloured

USE : Monolithic surface hardening compound for concrete floors

COMPANY : Permaban Limited
ADDRESS : Mill Close
Lee Mill Industrial Estate
Ivybridge, Devon. PL21 9GL

TELEPHONE : +44(0) 1752 895288
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COMPOSITION

Mixture of silica sands, quartz and metallic aggregates and pigments not classified as hazardous.
Portland Cements ECION 65997-1 5-1
EEC-Symbol xi.

HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.
Risk of serious damage to eyes.

FIRST AID MEASURES

Seek medical advice.

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: None required as not flammable.
Exposure Hazards: None as not flammable.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing and eye/face protection.

Environmental Precautions: Prevent contamination of soil, drains and surface water.

Methods for Cleaning: Take up material. Avoid airborne dust.
Place in closable containers. Dispose of as waste.

HANDLING & STORAGE

Handling: Ensure adequate ventilation. Do not breathe dust. Avoid eye contact.

Storage: Keep in original container. Keep dry.



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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Protective Measures:	No special measures required.
Occupational Exposure Limits:	Amorphous Silica 8 HOURS TWA;
Respiratory Protection:	Total Inhalable Dust, OES 6mg/m ³ Respirable Dust, OES 2.4mg/m ³ In case of insufficient ventilation, wear suitable respiratory equipment.
Hand Protection:	Wear suitable gloves (e-g. PVC)
Eye Protection:	Wear suitable safety glasses to BS 2092
Skin Protection:	Wear overalls and closed footwear.

PHYSICAL & CHEMICAL PROPERTIES

Melting Point/Range:	Not Applicable
Boiling Point/Range:	Not Applicable
Oxidising Properties:	Not Applicable
Auto flammability:	Not Applicable
Solubility in Water:	Forms alkaline mixture
Vapour Pressure:	Not Applicable
Partition Coefficient:	Not Applicable
Explosive Properties:	Not Applicable
Appearance:	Grey/coloured granular powder
Odour:	None
Density:	Bulk Density ca 1.5-1.8
Flashpoint:	Not Applicable
Ignition:	Not Applicable
pH value:	ca 13 when in aqueous mixture
Viscosity:	Not Applicable

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STABILITY & REACTIVITY

Stability:	Stable
Conditions to avoid:	None Known
Materials to avoid:	None Known
Hazardous decomposition products:	None Known

TOXICOLOGICAL INFORMATION

Toxicological information not available. Well known health effects are available industrially.

HEALTH EFFECTS

Eyes:	Can cause burns
Skin:	Causes irritation when wet
Inhalation:	Causes respiratory irritation
Ingestion:	Causes irritation of mouth, throat and digestive tract.
Chronic:	Respirable dust fraction, if inhaled over a prolonged period, constitutes a health hazard. Such inhalation can give rise to fibrosis of the lung.
Other:	When mixed with water, alkali is released. Precautions should be taken to prevent dry material entering eyes, mouth and nose and to prevent skin contact with wet mixed material.

ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility:	Granular Powder
Solubility:	Forms aqueous mixture
Persistence and degradability:	Once set, long term stable
Bio accumulative potential:	Once set, long term stable

DISPOSAL CONSIDERATIONS

For large quantities disposal must be carried out under guidance from local and national legislation. Small quantities can be disposed of as common waste via a licensed waste contractor.



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TRANSPORT INFORMATION

Not classified as dangerous for transport.

REGULATORY INFORMATION

Symbol:	xi
Contains:	Portland Cements
Risk Phrases:	R36137138 Irritating to eyes, respiratory system and skin. R41 Risk of serious damage to eyes.
Safety Phrases:	S2 Keep out of reach of children. S22 Do not breathe dust. S24125 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash with plenty of water. S37139 Wear suitable gloves and eye/face protection.

OTHER INFORMATION

These data are given in connection with the product being used for the purposes outlined in the Product Technical Data Sheet, available from Permaban Ltd on request. Use of the product for other purposes may result in risks not given above.

If the product is to be used by a third party at work, it is the duty of the initial recipient to ensure that the third party is supplied with the data given above.

Employers have the duty to inform employees and others who may be effected of any hazards given in the data above and any precautions which should be adopted.

Users of the product should undertake their own assessment of work place risks as required by the Health and Safety Legislation.

Further copies of this Safety Data Sheet are available from Permaban Ltd.

Safety Data Sheet According to Directive 9111 551EEC



PERMABAN LIMITED

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