

COSHH Assessment - Portland Cement - -

Description of Substance	An odourless white to grey powder insoluble in water. When water is added it becomes a binder for construction applications.
Method of Use	Used for a wide range of building applications
Supplier Details	Lafarge Cement United Kingdom, Manor Court Chilton OX11 0RN, Technical helpline 0870 609 0011
Assessment Date	25-Apr-2013
Document Author	

Hazard Identification

Risk Level	Could cause immediate problems if controls not followed
Persons at Risk	Staff Contractors
Routes of Entry	Inhalation Absorption Ingestion
Amount Used	Small (Millilitres), 1 to 5 times per day, for 1 to 5 minutes.

Personal Protective Equipment



Hand Protection



Protective Clothing



Protective Footwear



Eye Protection



Face Mask

Substance Properties

Risk / Safety Phrases & Work Exposure Limits

Work Exposure Limits	Risk / Safety Phrases
Gypsum inhalable dust - 10101-41-4 LTE (8 hour TWA) 10 mg.m ³ Gypsum respirable - 10101-41-4 LTE (8 hour TWA) 4 mg.m ³ Limestone respirable - 1317-65-3 LTE (8 hour TWA) 4 mg.m ³ Limestone total inhalable - 1317-65-3 LTE (8 hour TWA) 10 mg.m ³ Portland cement respirable dust - 65997-15-1 LTE (8 hour TWA) 4 mg.m ³ Portland cement inhalable dust - 65997-15-1 LTE (8 hour TWA) 10 mg.m ³ Silica,crystalline- quartz - 14808 LTE (8 hour TWA) 0.1 mg.m ³	R36 -Irritating to eyes R38 -Irritating to skin R41 -Risk of serious damage to eyes S02 -Keep out of the reach of children S28 -After contact with skin wash immediately with plenty of water

Precautions & Controls

General Precautions	Product is used in well ventilated areas. Only trained personnel are allowed to use the product MSDS sheet with Toxicological information, first aid, storage, emergency procedures and disposal information have been made available to users. If used in unventilated areas Respiratory protection must be worn Safety procedures from the MSDS must be followed at all times.
Further Controls Required	If dust can not be controlled, wear a half face mask to EN149 Class FFP1 ALL STAFF MUST READ AND UNDERSTAND THE CEMENT FACT SHEET (ATTACHED)
First Aid Measures	Inhalation Remove person to fresh air, if nose or airways become inflamed seek medical advice. Skin Contact Wash skin immediately with plenty of water and soap. If irritating seek medical advice. Eye Contact Rinse immediately with clean water for 15mins. and seek medical advice. Ingestion Wash mouth out and drink plenty of water. Do not induce vomiting.
Spillage Procedure	Control and suppress dust formation, vacuum or sweep up and shovel into bags. Prevent plasters/cements contaminating drains and watercourses as a powder or a slurry.
Handling and Storage	Keep out of reach of children. Minimise and control dust when opening bags, mixing or sanding set plaster. Some bags may have a small amount of plaster on the outer surface. Avoid contact with dry or wet plaster on the skin and eyes. Wear protective clothing when mixing or working with dry or wet plasters. Refer to section 8 Exposure/Protection. Supplied in bags of 25kg approx. which should be stacked in a safe and stable manner. If handling manually, consider risks as required by the Manual Handling Operations Regulations 1992.
Disposal Considerations	Dispose empty bags or waste plaster at an authorised landfill site according to local or national controls.
Fire Prevention	Non Combustible
COSHH Assessment Comments	Plaster powder produces a strong alkaline solution when mixed with water. Contact with wet plaster or contact with body fluids, e.g. sweat or eye fluids, may cause irritation, dermatitis or burns. Dust may irritate nose and airways. There is a risk of serious damage to eyes if not treated immediately.

Signatures

	Name	Title	Signature	Date
Document Author				03/06/13

Data Protection Statement

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It is the duty of all employees to observe information contained in this COSHH Assessment. This sheet contains information and instruction relating only to the use of the chemical or product specifically mentioned. This COSHH assessment should be given to fire, medical or environment professionals, along with the original container and any MSDS sheet should an emergency occur.