

MATERIAL SAFETY DATA SHEET

PRODUCT: CEMENT.

DESCRIPTION:

Grey coloured powder turns slightly green when mixed with water, aggregate and sand.

POTENTIALLY HAZARDOUS CONTENT:

Calcium silicates with compounds of aluminium and iron together with a small portion of gypsum and traces of hexavalent chromium salts.

APPROVED USES:

Cement, mortar, concrete and cementitious grouts.

ASSESSMENT:

A combination of wetness, alkalinity and abrasiveness of wet mixture cause Irritant contact dermatitis. Dermatitis is mainly caused by individual sensitivity to chromium compounds. Cement burns may result from contact with freshly mixed material.

HANDLING PRECAUTIONS:

Direct contact with skin should be avoided. Hands, arms, feet and legs should be covered. Use of barrier creams and good personal hygiene is desirable. Wear suitable dust masks when handling dry material and goggles when placing concrete; especially when pumped under pressure.

Chemical dust is classified as nuisance dust and is not normally a problem in open-air situations.

Wear rubber boots when working in wet concrete.

STORAGE:

Keep in a dry place in suitable bags, containers.

TRANSPORT:

No special precautions required.

SPILLAGE / DISPOSAL:

Clear with minimum skin contact. Contact County Council Waste Services Department regarding nomination of a suitable disposal site.

FIRE AND EXPLOSION HAZARD:

The dust may form a flammable cloud but in the quantities likely to be used in practice it is unlikely to be a problem.

FIRST AID:

- Eyes: Wash with clean water for at least 15 minutes and seek medical Advice if irritation persists.
- Skin: Wash with soap and water. If irritation develops, seek medical Advice.
- Inhalation: Remove patient to fresh air; clear blocked airways and Seek medical advice if recovery is delayed.
- Ingestion: Wash out mouth with clean water and seek medical advice.