Safety Data Sheet

WESTOX BUILDING PRODUCTS

WESTOX POZZUOLAN

Date of Issue 01 Sept 2014
Date of Revision 14 Mar 2024

1 - IDENTIFICATION

Product Name	WESTOX POZZUOLAN
Recommended Use	Used in cement based products to enhance the performance and strength of ordinary Portland cement mixes.
Company Details	Westlegate Pty Ltd
Address	16 Frost Road Campbelltown NSW 2560 Australia
Phone	61 2 4628 5010
Fax	61 2 4628 5020
Email	info@westox.com
Website	www.westox.com
Emergency Contact Point	Australian Poisons Information Centre 24 Hour Service 13 11 26 Police, Fire Brigade or Ambulance 000 New Zealand Poisons Information Centre 24 Hour Service 0800 764 766 NZ Emergency Services 111

2 - HAZARD(S) IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO WORK SAFE AUSTRALIA CRITERIA

Globally Harmonised System

Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of chemicals (GHS).
Hazard Categories	STOT Repeated exposure - Category 1 (inhalation) Eye Damage/ Irritation - Category 2A
Pictograms	
Signal Word	**DANGER**
Hazard Statements	H372: Causes damage to the lungs through prolonged or repeated inhalation exposure H319: Causes serious eye irritation AUH066: Repeated exposure may cause skin dryness or cracking
Precautionary Statements	P260: Do not breathe dust P264: Wash hands and skin thoroughly after handling P280: Wear protective gloves and eye/face protection P285: In case of inadequate ventilation wear respiratory protection P304+340: IF INHALED; Remove victim to fresh air and keep at rest in a position comfortable for breathing P305+351+338: IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists; get medical advice/attention P362+P364: Take off contaminated clothing and wash it before reuse P501: Dispose of contents/container to an EPA approved facility
Dangerous Goods Classification	Not dangerous goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).
Poisons Schedule Number	Not Scheduled

3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Name	CAS Number	Content %
Kaolin, Calcined	66402-68-4	>93
Crystalline Silica (Quartz)	14808-60-7	<2.5
Ferric Oxide	1309-37-1	<2

4 - FIRST AID MEASURES

Inhalation Remove victim from exposure. Seek medical advice if effects persist.

Ingestion Rinse mouth with water. Give 1-2 glasses of water to drink. Do NOT induce vomiting. Seek medical advice if effects persist.

Eye Contact Flush the eyes with a large amount of water for 15 minutes. For eye contamination it is a sensible precaution to seek medical advice.

Skin Contact Wash affected skin areas with large amounts of soap and water. Seek medical advice if irritation develops.

Other Information Eye wash immediately available, safety shower and normal washroom facilities nearby. Advice to doctor: treat symptomatically.

5 - FIREFIGHTING MEASURES

General Measures Not combustible. However, direct mixing of this Calcined Kaolin product with Styrene Monomer may catalyse chain polymerisation, producing large amounts of heat and combustion. Dispose of fire debris and contaminated fire fighting water in accordance with State and Local Regulations.

Extinguishing Media Use for the surrounding area.

6 - ACCIDENTAL RELEASE MEASURES

Spillage Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up, scoop or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers for disposal.

7 - HANDLING AND STORAGE

Precautions for Safe Handling Prevent formation of dust. Keep containers tightly sealed when not in direct use. Provide local dust extraction systems where dust may be formed. Use vacuum cleaners and systems designed to handle reparable crystalline silica. Prevent static formation when handling this product that may cause sparks and be an ignition source.

Conditions for Safe Storage Store in a cool, dry place, under cover. Avoid formation of dust and aerosols. The product absorbs moisture from the air (hygroscopic). The material may be slippery when wet.

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

General Keep atmospheric contamination as low a level as practically possible.

Engineering Measures

Avoid generating and inhaling dusts. Keep containers closed when not in use. Prevent dust generation and accumulation. Do not mix with Styrene monomer.

Personal Protective Equipment

Respirator Avoid generating and inhaling dusts. If a dust cloud is formed, wear a dust respirator meeting the requirements of AS 1715 and AS 1716.

Eyes Avoid skin, eye and inhalation contact. Wear safety glasses with side shields.

Hands Wear impervious gloves (plastic or rubber, thickness >0.35mm). Always wash hands before smoking, eating, drinking or using the toilet

Clothing Wear overalls, and long sleeves to cover the skin.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance	Solid. Off white, fine, free flowing powder with no odour
Colour	Off white
pH	4-8 (slurry)
Melting Point (˚C)	1400-1800
Solubility	Insoluble in water, forms a colloidal suspension
Specific Gravity	2.1-2.6 g/cm3 at 20'C
Bulk Density	320-430 kg/m3

10 - STABILITY AND REACTIVITY

General Information

Chemical stability Stable

Conditions to avoid Dust formation

11 - TOXICOLOGICAL INFORMATION

General Information

Inhalation Harmful; possible risk of irreversible effects through inhalation. It may also cause irritation to the mucous membranes.

Ingestion No adverse effects expected if small amounts are swallowed. Large amounts may cause nausea.

Skin Slightly irritating to the skin. The dust may render the skin dry and chappy

Eye Exposure to the dust may cause mechanical irritation

Chronic effects

Repeated or prolonged skin contact may cause dermatitis. Repeated or prolonged inhalation may cause respiratory tract irritation and lung damage. Prolonged inhalation of excessive levels of KAOLIN dust may cause a benign pneumoconiotic condition, not normally associated with a decrement in lung function. In cases of long term exposure to extremely high levels of dust, progressive fibrosis may occur with lung function impairment. Power Pozz contains <2% naturally occurring Crystalline Silica as part of the Calcined Kaolin. If a respirable dust is generated, prolonged or repeated inhalation of the respirable Calcined Kaolin dust may lead to silicosis of the lungs. A very low percentage of persons with Silicosis may then get cancer of the lungs. Silicosis (progressive pulmonary fibrosis) is characterised by coughing, dyspnea, wheezing and impairment of pulmonary function.

12 - ECOLOGICAL INFORMATION

The product has a low solubility in water. In sewerage water treatment plants, it can be separated by mechanical means. Bioaccumulation will not occur.

13 - DISPOSAL CONSIDERATIONS

In accordance with Local, State & Federal EPA waste regulations. Advise its harmful hazardous nature. Normally suitable for disposal at approved land waste site. Do NOT mix with styrene monomer. Empty containers after cleaning can be reused.

14 - TRANSPORT INFORMATION

Not defined as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road & Rail; by the IATA Air Transport Dangerous Goods Regulations; or by the IMDG (International Maritime Dangerous Goods) Code.

15 - REGULATORY INFORMATION

Poisons Schedule (Aust) Not scheduled

16 - OTHER RELEVANT INFORMATION

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