



MSDS Ref:
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1. PRODUCT NAME: **TRITON RENOVATING PLASTER**

2. HAZARD IDENTIFICATION



Respirable dust inhaled over a prolonged period of time could constitute a health hazard.
Irritating to eyes and skin.
Risk of serious damage to eyes.
May cause burns in the presence of moisture due to generation of strong alkaline solutions of calcium hydroxide.
May cause allergic dermatitis due to the sensitivity of an individuals skin to hexavalent chromium salts in the presence of moisture.

3. COMPOSITION / INFORMATION ON INGREDIENTS.

Controlled blends of ordinary Portland cement, expanded perlite aggregate, limestone flour and hydrated lime.

4. FIRST AID

CONTACT WITH SKIN

An irritant, may cause burns in the presence of moisture. Remove contaminated clothing. Wash immediately with plenty of water.

CONTACT WITH EYES

Causes painful irritation and may cause serious damage to eyes unless immediate treatment is given. Speed is essential. Remove particles with cotton wool bud, irrigate with eyewash or clean water until medical help is obtained. Obtain medical attention as soon as possible.

INGESTION

Unlikely to cause any reactions. Larger doses may irritate gastrointestinal tract. Do not induce vomiting, wash out mouth with water and give copious quantities of water to drink.

INHALATION

Irritating to the respiratory tract in high concentration. Remove from exposure and keep warm and at rest. Irrigate nose and throat with water for at least 20 minutes.

FURTHER TREATMENT

Symptomatic, if necessary. No known delay effects. Prolonged or repeated contact with skin may result in more severe irritation or dermatitis. Prolonged repeated inhalation of high dust concentrations may cause ulceration and perforation of the nasal septum and pneumonitis. It is advisable to ensure that eyewash facilities are readily available where Portland cement may be handled.

5. FIRE-FIGHTING MEASURES

Non combustible and inhibits the spread of flame. No special fire fighting procedure, extinguisher media or explosion hazard is identified.

6. ACCIDENTAL RELEASE MEASURES

SPILLAGES: Contain spillage and keep dry if possible. Use vacuum suction unit, or shovel into bags (using appropriate protective clothing (See section 8). Cover or enclose area if possible to avoid unnecessary dust hazard. The material can be slurried by the addition of water (see Hazardous ingredient, section 2) but will subsequently set as a hard material. Avoid contamination of drains and watercourses. Spillage into watercourses must be alerted to the Environment Agency or other appropriate regulatory body.

7. HANDLING AND STORAGE

HANDLING: Assess manual handling requirements which may need two man lifting techniques. The product should be handled to minimise the creation of airborne dust particles. Approved goggles and dust masks should be worn as well as long sleeved garments, full length trousers, Wellington boots and gloves. Avoid saturating clothing with mix water, which is alkaline and may lead to skin burns.

STORAGE: Bags should be palletised and kept dry. Bulk products should be stored in silos and kept dry. Dust collection system should be utilised to minimise the creation of dust.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

OCCUPATION EXPOSURE STANDARD: Respirable dust – 4mg/m³ (8hr TWA)
Total inhalable dust – 10mg/m³ (8hr TWA)



Handling systems should preferably be enclosed, or suitable ventilation installed to maintain atmospheric dust below OES. Wear suitable respiratory protection equipment if exposure to atmospheric dust levels above occupational exposure standard is likely. Use approved dust respirators to EN149 category FFP3, or air-stream helmet for heavy exposure. Rubber, leather or fabric/composite gloves provide suitable hand protection. Wide vision full goggles to BS2092 grade 1 impact, with anti-mist for eye protection. Long sleeved overalls, close fitting at openings. Boots that resist dust penetration.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coarse Powder
Odour	None
pH	Highly Alkaline
Boiling Point	N/A
Melting Point	N/A
Flash Point	N/A
Flammability / autoflammability	-
Explosive Properties:	N/A

Oxidising Properties	N/A
Vapour Pressure	N/A
Density	1.7
Bulk density	-
Solubility in Solvent	Insoluble
Solubility in water	Insoluble
Partition Coefficient	N/A
Other data	

10. STABILITY / REACTIVITY

MATERIALS TO AVOID: None

CONDITIONS TO AVOID: Water/Moisture (not controlled)

HAZARDOUS DECOMPOSITION PRODUCTS None. The addition of water produced alkali by-products.



11. TOXICOLOGICAL INFORMATION

INHALATION:	High concentration of dust may be irritating to the respiratory tract.
INDIGESTION:	May cause irritation of the gastrointestinal tract.
SKIN:	Irritant in the presence of moisture. May cause burns.
EYES:	Painful irritant, with risk of severe and permanent damage to eyes.
LONG TERM EXPOSURE:	Prolonged and repeated skin contact may cause irritant contact dermatitis and/or allergic (chromium) dermatitis. Allergic dermatitis more commonly arises through contact with cement/water mixture than dry cement.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	The product is considered to be non toxic. Harmful to aquatic organisms in prolonged contact times.
MOBILITY:	Sparingly soluble in water to form alkaline solution. Low mobility in most ground conditions.
PERSISTENCE & DEGRADATION	Non bio-degradable – reacts with atmospheric and ground moisture and carbon dioxide to form a hard crystalline gel of calcium silicate/aluminate hydrates.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT	Disposal should be in accordance with current local and national legislation. Portland cement can normally be disposed only to licensed waste facilities.
DISPOSAL OF PACKAGING	Contaminated packaging can be incinerated.

14. TRANSPORT INFORMATION

IMDG (Sea)	Not classified as hazardous for transport
ADR (Road)	Not classified
RID (Rail)	Not classified
IATA (Air)	Not classified

15. REGULATORY INFORMATION

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. Statutory Instrument 2002 No. 1689.

Classification for conveyance:	None
Classification for supply:	Irritant

LABEL INFORMATION

R38: Irritating to skin
R41: Risk of serious damage to eyes
S26: In case of contact with eyes, rinse immediately with water and seek medical advice.
S37,S39: Wear suitable gloves and eye/face protection.
S2: Keep out of reach of children



SAFETY PHRASES

- 15.2 – Occupational Exposure Limits 2002 – HSE Guidance Note EH40/02
OES Inhalable dust – 10mg/m³ (8hr TWA)
Respirable dust – 4mg/m³ (8hr TWA)

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), THE Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.