



Irritant

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1. PRODUCT NAME: **TRITON QUICK SET (T.Q.S)**

## 2. COMPOSITION

Hazardous ingredient	CAS No.	Weight %	Symbols	Risk Phrases
Rapid Hardening Portland cement		<50	Xi (Irritant)	See section 15
Calcium Aluminate Cement		<30	Xi (Irritant)	

Also contains silica sand and other additives

## 3. HAZARD IDENTIFICATION



Irritant

Irritating to the skin  
 Risk of serious damage to eyes  
 May cause sensitisation by skin contact

## 4. FIRST AID

CONTACT WITH SKIN	Wash off with plenty of soap and water. Remove contaminated clothing.
CONTACT WITH EYES	Wash out with water for at least 15 minutes and seek medical advice without delay.
INGESTION	Wash out mouth with water and give plenty of water to drink. DO NOT INDUCE VOMITING.
INHALATION	Remove to fresh air. If nose or airways become inflamed, seek medical advice.
OTHER INFORMATION	Until the mixture has set, may cause both irritant and allergic contact dermatitis.

## 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	As appropriate to surrounding fire
SPECIAL PROTECTIVE EQUIPMENT	No particular requirement

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear suitable protective clothing appropriate to the amount involved which may include eye/face protection, PVC or synthetic rubber gloves, protective footwear and overalls, particularly during mixing operations.
ENVIRONMENTAL PRECAUTIONS	Contain the spillage and keep children away from the area.
CLEAN-UP PROCEDURES	Recover the spilt material in a dry state if possible. Minimise generation of airborne dust.

## 7. HANDLING AND STORAGE

HANDLING PRECAUTIONS	Observe good hygiene standards and minimise skin contact. Wear suitable protective clothing according to item 8.
STORAGE INFORMATION	Keep containers tightly closed in a cool place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



When handling or mixing the product, protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves.  
Wash hands and exposed skin before meals and after work.  
Do not wear contaminated clothing.



**EXPOSURE LIMITS** Occupational exposure standard (8h TWA):  
10mg/m<sup>3</sup> total inhalable dust, 5mg/m<sup>3</sup> respirable dust

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey powder	Oxidising properties	None
Odour	None	Vapour pressure	Not relevant
pH	11, when wet.	Relative density	Not relevant
Boiling point	Not relevant	Bulk density	1300 kg/m <sup>3</sup>
Melting point	Not relevant	Viscosity	Not relevant
Flash point	None	Solubility	Very slightly soluble in water
Autoignition temperature	Not combustible	Partition coefficient	Not relevant
Explosive properties	None	Other data	

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## 10. STABILITY/REACTIVITY

REACTIVITY	Sets rapidly when mixed with water, large amounts will also heat up after mixing
STABILITY	Stable under normal conditions of use.
CONDITIONS TO AVOID	Damp (degrades product).
MATERIALS TO AVOID	No particular requirements.

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## 11. TOXICOLOGICAL INFORMATION

Severe eye irritant. Irritating to skin – the powder or its mixture with water may cause irritant dermatitis or burns, and traces of hexavalent chromium in the product may cause allergic dermatitis. Ingestion of small amounts is unlikely to cause any significant reaction, but large doses may result in irritation to the gastrointestinal tract.

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## 12. ECOLOGICAL INFORMATION

MOBILITY	Not mobile in soil.
DEGRADABILITY	Relatively inert.
ACCUMULATION	No potential for bioaccumulation or biomagnification.
ECOTOXICITY	Addition of cement-based products to water may cause the pH to rise, and they may therefore be toxic to aquatic life in some circumstances.

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## 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT	Dispose of in accordance with local and national regulations (normally landfill), or to any place authorised to accept builders waste.
DISPOSAL OF PACKAGING	Packaging should be treated as for the product, or may be incinerated.

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## 14. TRANSPORT INFORMATION

UN NO.	None assigned
PROPER SHIPPING NAME	Portland cement mixture
ADR/RID	Not classified as hazardous
IMCO	Not classified as hazardous
ICAO/IATA	Not classified as hazardous
PACKING GROUP	
LABEL	No hazard label

## 15. REGULATION INFORMATION

CLASSIFICATION Irritant

### LABEL INFORMATION:

IRRITATING TO THE SKIN

RISK OF SERIOUS DAMAGE TO THE EYES

MAY CAUSE SENSITISATION BY SKIN CONTACT

DO NOT BREATHE DUST

AVOID CONTACT WITH THE SKIN

### READ ALL PRECAUTIONS BEFORE USE

The (COSHH) Control of Substances Hazardous to Health Regulations 1988 may apply to the use of this product at work. Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment.

WEAR SUITABLE PROTECTIVE CLOTHING, gloves and eye/face protection.

IN CASE OF CONTACT WITH EYES rinse immediately with plenty of water and seek medical advice.

AFTER CONTACT WITH SKIN, wash immediately with plenty of clean water.

KEEP OUT OF REACH OF CHILDREN.

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.

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## 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.*