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STEINTEC® PRODUCT SAFETY DATA SHEET:

Safety Data (COSHH) Information relating to SteinTec® Mortars

1 Identification of the products and company

Trade Names:

tuffbed® & **tuffbed® rapid** bedding mortar

tuffgrout® jointing mortar

tuffbond® priming mortar

tuffbed® 2-pack mothermix

tuffset® G rapid system mortar

tuffset® 60 rapid repair mortar

Manufacturer:
tuffbau® limited
728 London Road
West Thurrock
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RM20 3LU

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2 Composition/information on ingredients

Products classified as irritant contain Portland cement and also contain organic and inorganic additives and fillers which are not classified as hazardous

Product	Hazardous Ingredient	CAS Number	% of Cementitious Materials	Index	Risk Phase
tuffbed® **tuffbed® rapid** **tuffgrout®**	Type of cement: Various types of Portland Cement and Pulverised Fuel Ash	65 997-15-1 (Portland Cement)	20-50%	Xi	R38 R41 R42 R43 (Chip regulations)
tuffbed® 2-pack mothermix only **tuffset® 60** **tuffset® G**	Type of cement: Various types of Portland Cement and Pulverised Fuel Ash	65 997-15-1 (Portland Cement)	>50%	Xi	R38 R41 R42 R43 (Chip regulations)

3 Hazardous identification

Hazard designation: Xi Irritant

Hazard to persons and environment: R38 Irritating to skin. R41 Risk of serious damage to eyes. R42 May cause sensitation by inhalation. R43 May cause sensitation by skin contact. Contains Chromium V1. May produce an allergic reaction.

4 First aid measures

Inhalation: Avoid breathing in powder, and if nose or airways become inflamed seek medical advice.
After skin contact: Wash the affected areas with soap and water and if discomfort, irritation or other symptoms occur seek medical advice.
After eye contact: Immediately rinse the affected eyes with copious amounts of clean water and if irritation persists, seek medical advice.
After ingestion: Wash out mouth with water, do not induce vomiting and if symptoms develop or persist seek medical attention as soon as possible

5 Fire fighting measures:

Suitable extinguishing media: Not applicable
Special exposure hazards: None
Special protective equipment for fire fighters: None

6 Accidental release measures

No dangerous chemicals are released. Collect the spilled material by mechanical means minimising the release of air born dust.

7 Handling and storage

Handling: The Manual Handling Operations Regulations 1992 (MHO) came into force on 1 January 1993. Practical guidance on the regulations is given in the HSE booklet manual handling: guidance on regulations ISBN 0 11 886335 5.

Storage: Store in a dry store in original packaging on pallets.

8 Exposure controls/personal protection

Exposure: Under the COSHH Regulations there is a maximum exposure limit (MEL) for respirable crystalline silica (respirable crystalline silica) (RCS) of 0.3 mg.m-3 (8-hour time weighted average) (TWA) and total inhalable dust: 10mg/cubic metre: occupational exposure standard) (OES). Take measures to reduce airborne dust during mixing.
Personal protection: Avoid contact with eyes and skin by the use of safety goggles and gloves. Remove any contaminated clothing. Wash hands at the end of work.

Respiratory protection: Suitable filter masks should be worn if the exposure limit above is likely to be exceeded.

9 Physical and Chemical properties

Appearance: Powders of various colours according to product
pH: Approximately 12 at 20degrees centigrade in a saturated solution
Relative density: 1100-1700kg/m3
Solubility: Partly soluble in water

10 Stability and reactivity

No instability when stored correctly

11 Toxicological information

Irritant effect on the skin and mucous membrane. Sensitisation can be cause by allergic reaction, to Chromium V1. Strong irritant to eyes and serious eye damage can occur if not treated.

12 Ecological information

Stable in soil. Slight water hazard Class 1 (German regulations). Do not allow large quantities of powder to reach ground water, rivers and drainage and sewerage systems

13 Disposal considerations

Empty bags must be disposed in accordance with current waste disposal regulations

14 Transport information

Not classified as hazardous

15 Regulatory information

Products are classified under HSE list of symbols, abbreviations, risk and safety phrases: Chemical (Hazard Information and Packaging for Supply) Regulations 2002 and Control of Substances Hazardous to Health regulations (COSHH)

The appropriate classification from the CHIP (Health & Safety Executive) Regulations is Xi

Risk phrases	R38 R41 R42 R43	Irritating to skin Risk of serious damage to eyes May cause sensitisation by inhalation May cause sensitisation by skin contact
Safety phrases	S2 S24/25 S26 S27 S28 S36/37/39 S62	Keep out reach of children Avoid contact with skin and eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Take off all contaminated clothing immediately After contact with skin, wash immediately with plenty of soap and water Wear suitable protective clothing, gloves and eye/face protection If swallowed, do not induce vomiting: seek medical advice immediately and show bag label

16 Other information

The information contained in this document is based on our current state of knowledge and is intended to describe our products in accordance with current safety requirements.