

JOINT CEMENTS - READYMIXED

1. Identification of the mixture and company

GTEC Smartmix Xtra (Readymix Lite)
 GTEC Deco Joint Cement
 GTEC Aquamix
 GTEC TRADE Readymix
 GTEC Finish IT

Supplier:

Siniat Limited
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2. Hazards identification

These mixtures are classified according to the EU CLP Regulation (European Regulation EC/1272/2008 on the classification, labelling and packaging of substances and mixtures) as follows:

EUH208: Contains preservative based on biphenyl-2-ol and 2-methyl-2h-isothiazol-3-one. May produce an allergic reaction.

Use of the product or mechanical actions on the dried product may generate dust, which may irritate skin, eyes and the respiratory system. Please see sections 8 & 11 below.

3. Composition/ information on ingredients

Limestone and mica based products, containing small amounts of vinyl polymers and workability aids.

Ready mixed products are water based with a small biocide component to preserve the organic ingredients.

These products contain a classified substance as below:

Substance	Content	CLP classification
Preservative based on biphenyl-2-ol and 2-methyl-2h-isothiazol-3-one (BIT)	< 1%	Skin Irrit. 2: H315; Aquatic Acute 1: H400; Eye Irrit. 2: H319; Skin Sens. 1: H317

4. First aid measures

Inhalation:

Remove person to fresh air and seek medical advice.

Skin contact:

Using clean water, rinse and then wash, using soap & water.

Eye contact:

Bathe the eye with running water for 15 minutes, lifting lower and upper eyelids occasionally. Seek medical advice if irritation occurs.

Ingestion:

Wash out mouth and drink plenty of clean water. Do not induce vomiting.

Please note:

Should any symptoms persist obtain medical assistance..

5. Fire fighting measures

Products are not combustible but packaging may burn.

All standard fire extinguishers are suitable, using normal fire fighting procedures.

6. Accidental release measures

Prevent these products from contaminating drains, watercourses, ground or soil as a powder or slurry.

Use absorbent materials to contain and collect spillages.

7. Handling and storage

When manually handling these products, use suitable manual handling techniques to limit risk, according to the Manual Handling Operations Regulations 1992. Mechanical handling aids may be used to reduce the risk of injury.

Wear protective clothing when handling products and avoid prolonged contact with skin.

Products are supplied in plastic buckets and packed on wooden pallets. Packs should be moved using a fork lift truck or hydraulic trolley. Care should be taken to ensure that the machinery is safely capable of such movements and that the operator is trained and competent.

Stack in a safe and stable manner and store in frost-free conditions.

Keep out of reach of children.

Nominally, buckets weigh 5kg and 20kg.

8. Exposure controls / personal protection

Occupational Exposure Limits

Workplace Exposure Limits (WEL)

Substance	WEL
Limestone, total inhalable	10 mg/m ³
Limestone, respirable	4 mg/m ³
Mica, total inhalable	10 mg/m ³
Mica, respirable	0.8 mg/m ³
Silica, respirable crystalline	0.1 mg/m ³

Note: All of the above are long term exposure limits, based on 8 hour TWA (time weighted average) period, as listed in HSE EH40 Workplace Exposure Limits, 2nd edition (2011). No short term exposure limits have been defined for these substances.

In the case of respirable crystalline silica, Siniat recommends to control to 50% of the WEL.

Personal protection

General

The concentration of airborne dusts must be controlled. Mechanical action on these products (eg sawing, drilling, sanding, etc) may lead to the generation and release of dusts, including respirable crystalline silica. Avoid the generation and dispersal of airborne dust by using tools with dust extraction or by using local exhaust ventilation (LEV).

Soiled working clothes should be removed and cleaned and the workplace kept clean.

Respiratory Protection:

To further reduce exposure to dust, use appropriate respiratory protection complying with BS EN Standards. A dust mask of type at least FFP2 will be required (use type FFP3 for high concentrations of dust)

Eye Protection:

Eye protection is recommended when dust is likely to be generated as irritation may be caused by contact.

Skin Protection:

Exposed skin should be kept to a minimum. Disposable overalls are suitable.

Hand Protection:

Hands should be protected when handling this product. A barrier cream may also be applied.

9. Physical and chemical properties

Appearance

Odourless aqueous dispersion, white, with neutral pH.

10. Stability and reactivity

Stable and non reactive with other building materials.

11. Toxicological effects

As these products are mainly made of mineral raw materials, they may contain traces of crystalline silica. Mechanical action (eg mixing, cutting, sanding, drilling etc) will release dust which may contain respirable crystalline silica particles.

Inhalation of high concentrations of dust may irritate the airways. Dust may also cause irritation of the eyes and/or skin. Inhalation of dust containing crystalline silica, in particular the fine respirable size fraction, in high concentrations or over prolonged periods can lead to lung disease (silicosis) and an increased risk of lung cancer. The latter is concluded by IARC on the basis of observations in industries with heavily exposed populations, such as mining, pottery and foundries.

12. Ecological information

Avoid contamination of any watercourses due to the aquatic toxicity of the contained biocide.

13. Disposal considerations

These products are classified as inert and non-hazardous. Waste product should be consigned to authorised treatment or disposal facilities in accordance with current Waste and Environmental Permitting Regulations.

Packaging may be recycled when emptied of product and cleaned.

14. Transport information

Not classified as hazardous for transport.

15. Regulatory information

As the products contain substances for which Workplace Exposure Limits (WELs) have been set in the HSE EH40 Workplace Exposure Limits publication, a workplace risk assessment must be carried out by the user under the COSHH Regulations 2005 (Control of Substances Hazardous to Health).

These products constitute mixtures according to the definitions contained within the EU REACH Regulation (European Regulation EC/1907/2006 on the Registration Evaluation Authorisation and Restriction of Chemicals). The legal obligations of articles 31 and 32 of the Regulation do not apply as none of the qualifying criteria are met (provision of information in the supply chain on substances and mixtures).

These products are treated articles under the EU Biocidal Products Regulations, EC/528/2012.

These products do not contain any substances of very high concern (SVHC) at a concentration of more than 0.1% by weight.

16. Other information

Phrases used in sections 2 & 3 above

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

These products are only intended for use as defined within current Siniat Literature.

This data sheet does not replace the user's own work place risk assessment. It is not intended for the purposes of precise product specification nor warranty.

All information and instructions provided in this data sheet are based on the current state of scientific, technical and legal knowledge at the date indicated on the present data sheet.

The user should ensure that the data sheet being consulted is the current version. To confirm this, or for any additional

information or support on intended use, please contact the Siniat Technical Enquiryline.

SDS Revision History:

Version	Date	Revision
1.0	02/04/2015	First issue, adapted from earlier data sheets covering all limestone based products; REACH & CLP references added, replacing CHIP; crystalline silica information added to sections 8 & 11; Biocidal Products information added
1.1	10/09/2015	Finish IT product added