

HEALTH & SAFETY

JOINT CEMENTS

1. Identification of the substance / preparation and company

Substance / preparation

- Knauf Joint Cement Easy Sand
- Knauf Joint Filler
- Knauf Multifill
- Knauf Joint Cement Lite Easy Sand
- Knauf Sheetrock Fill and Finish
- Knauf Sheetrock Fill and Finish Light

Manufacturer

Knauf
Kemsley Fields Business Park
Sittingbourne
Kent
ME9 8SR

Telephone: (01795) 424499
Emergency telephone: 01795 416270

2. Hazards Identification

Excessive dust can be generated when sanding jointing components. These products contain Silica which has a maximum exposure limit. Suitable respiratory protection must be worn when any dust is produced.

Joint Cement powders/dust may irritate eyes or sensitive skin, dust may irritate respiratory system.

3. Composition/Information on ingredients

Joint Cements

Knauf Joint Cements are not classified as hazardous under CHIP3 Regulations 2002. (Refer to section 15, Regulatory Information).

Knauf Joint Cements are based on calcium carbonate. Additions include mica, silica and vinyl polymers, and small amounts of water retention and workability aids.

Knauf Sheetrock Fill and Finish, Knauf Sheetrock Fill and Finish Light and Knauf Joint Cement Lite Easy Sand are a dispersion of non-hazardous minerals in co-polymer emulsion.

4. First Aid Measures

Inhalation: Remove the person to fresh air.

Skin contact: Rinse skin with running water, then wash with water and soap, do not use solvents.

Eye contact: Irrigate with plenty of water and obtain medical advice.

Ingestion: Wash mouth out, drink plenty of water and obtain medical advice.

Please note: should any symptoms persist obtain medical assistance.

5. Fire-fighting Measures

Non combustible and prevents flames from spreading.

6. Accidental release measures

Control and suppress dust formation, vacuum or sweep up and shovel into bags.

Prevent these products from contaminating drains and watercourses as a powder or slurry.

Mixed products should be absorbed on earth or sawdust.

(Refer to section 8 – Exposure/Protection and section 13 – Disposal Considerations).

7. Handling and Storage

Bagged products are supplied on pallets. Pallets should be lifted with a fork lift truck, and the bagged products should not be stacked more than two-high to preserve stability. No loads should be placed on top of a pallet of ready-mix (Supplied in tubs). They should be stored in a clean, dry environment

Note: If handling manually, consider risks as required by manual handling operations regulations 1992.

8. Exposure controls/personal protection

Occupational exposure limits (OEL)*

Substance	Total inhalable	Total respirable
Limestone	10mg/m ³	4mg/m ³
Mica	10mg/m ³	0.8mg/m ³

Maximum Exposure Limit (MEL)*

Substance	Total inhalable	Total respirable
Silica		0.3mg/m ³

* 8 hour TWA reference period

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Personal protection

Respiratory: The area of work requires appropriate ventilation and dust formation should be minimised and controlled. If dust formation can not be controlled use a half face mask to EN 149 Class FP1S.

Hand: Impermeable gloves are recommended in prolonged or repeated wet contact. A barrier cream to the hands can be applied to reduce the effect of hand contact.

Eye: If the formation of plaster dust or splashes are likely to occur, safety goggles to BS EN 155 2A5 are recommended.

Skin: To avoid skin contact wear protective overalls and footwear.

9. Physical and chemical properties

Appearance: Dry powder, except for Ready Mix Joint Cement and Joint Cement Lite Easy Sand which are wet pre-mixed substances.

Odour: Odourless (Pre mixed Joint Cements light characteristic odour).

pH: Neutral (Ready Mix Joint Cement: pH 8-9)

Ready-Mix:	Boiling Point:	100°C
	Solubility in water:	dispersible
	Specific Gravity:	1.6 – 1.8
	% Volatile in water:	25.30
	% Volatile solvent:	<0.5

(Refer to section 2 – Composition/Information on ingredients)

10. Stability and reactivity

Stable and unreactive.

11. Toxicological information

Powder products:

Inhalation: Dust can cause short term irritation of the respiratory system. Product contains Silica.

Skin contact: Powder or wet mix may cause dry skin leading to irritation if contact is prolonged or if the skin is sensitive.

Eye contact: Short term irritation can be experienced due to powder or wet mix splashes.

Ingestion: Swallowing small amounts of powder or wet mix will not cause any significant reaction or long term effect.

12. Ecological information

Mobility: Sparingly soluble in water, forms a solution and solidifies.

13. Disposal Considerations

Can be disposed of at an authorised landfill site in accordance with local or national controls.

14. Transport Information

Not classified as hazardous for transport.

15. Regulatory Information

Occupational Exposure Limits EH40 (reviewed and reprinted annually). Note: Product contains Silica and has a Maximum Exposure Limit.

Control of Substances Hazardous to Health (COSHH) Regulations 2002.

16. Other Information

This product should be used as directed by Knauf Drywall For further information consult the technical department.

An on-site risk assessment must be carried out before use.

This safety data sheet:

- supersedes all previous issues, and users are cautioned to ensure it is current. Destroy all previous data sheets, and if in any doubt, contact Knauf Drywall, quoting the date in the top right hand corner of this document.
- does not replace the users own workplace risk assessment.
- was compiled using the current safety information supplied by the distributors of the component materials.
- is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirement. It should not be construed as guaranteeing specific properties.