March 2015

HEALTH & SAFETY

KNAUF

KNAUF FIXINGS

1. Identification of the substance / preparation and company

Substance / preparation

- Knauf Drywall Screws
- Knauf Collated Drywall Screws
- Knauf Drywall Wood Screws
- Knauf Wafer Head Screws
- Knauf Nailable Plugs
- Knauf Aquapanel Maxi Screws
- Knauf Aquapanel Exterior Maxi Screws
- Knauf Aquapanel Exterior Stainless Steel Screws
- Knauf Brio Screws
- Knauf Performance Plus Screws
- Knauf Cleaneo Akustik Linear Caps
- Knauf Thermoboard Screws

Supplier

Knauf
Kemsley Fields Business Park
Sittingbourne
Kent
ME9 8SR

Telephone: (01795) 424499
Emergency telephone: 01795 416270

2. Hazards identification

There is a risk of cuts and abrasions from sharp edges and protrusions. The use of screws with drywall may lead to dust generation, and adequate inhalation protection should be provided. Refer to plasterboard MSDS sheets for further inhalation guidelines.

3. Composition/Information on ingredients

Black phosphated and zinc coated screws. The screws may be provided with a plastic strip of a nylon plug.

4. First Aid Measures

Inhalation: Remove the person to fresh air.

Skin contact: No adverse effects.

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

Ingestion: Wash out mouth and give the patient plenty of water.

Please note: should any symptoms persist obtain medical assistance.

5. Fire-fighting Measures

Screws are non-flammable.

6. Accidental release measures

Control and collect any waste screws, sweep up and shovel into bags.

(refer to section 8, Exposure/Protection and section 13. Disposal Considerations).

7. Handling and Storage

When using hand tools eye protection should be worn.

Screw-points and threads may be sharp. Gloves should be worn when handling the material to avoid risk of lacerations.

Head protection should be worn when overhead hazards exist.

Supplied in cartons, which should be stacked in a safe and stable manner to avoid spillage. Open boxes at the perforation to minimise potential waste.

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

8. Exposure controls/personal protection

Occupational exposure limits

Substance	Total inhalable	Total respirable
Iron Oxide	5mg/m³	10mg/m³
Zinc Oxide	5mg/m³	10mg/m³

Chromium metal also chromium (II) and chromium (III) compounds (as Cr) long term 0.5 mg/m³ (OEL).

Chromium (VI) compounds (as Cr) long term 0.05 mg/m³ (MEL).

Antimony and its compounds (as Sb) long term 0.5 mg/m³ (SEL).

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Antimony trioxide and trisulphide (as Sb) long term 0.5 mg/m³ (SEL).

Lead and lead compounds excluding tetraethyl lead (as Pb) long term 0.15 mg/m³ (Approved code of practice. Lead in air standard).

** TWA long term is 8 hours, short term is 15 minutes.*

Personal protection

Respiratory:	Ventilate the area of storage or work if fume or dust is produced. Wear approved respiratory equipment when welding, flame cutting or grinding.
Skin:	Wear protective gloves, overalls and footwear, when handling screws.
Eye:	Wear safety goggles to BS EN 166 2A 5 to protect eyes when using screws.

9. Physical and chemical properties

Physical data

Fire hazard rating	Ignitability	0
	Spread of flame	0
	Heat evolved	0
	Smoke developed	0

Non-combustible

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

10. Stability and reactivity

Stable under normal conditions but when subjected to elevated temperatures fumes are produced.

11. Toxicological information

Mechanical working such as dry grinding and machining, will product dust of the same composition as the coating and base metal. If subjected to elevated temperatures e.g. during welding or flame cutting, fumes are produced containing oxides of zinc and iron and also breakdown products of any protective coating if present.

The potential effects on health include metal fume fever, a short lasting, self limiting condition with symptoms similar to influenza.

The principal mode of entry into the body is by inhalation and if airborne concentrations are excessive over long periods of time they may have a long term effect on the health of the worker, primarily affecting the lungs.

12. Ecological information

No known harmful effects.

13. Disposal Considerations

Recycle or 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

16. Other Information

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

An on-site risk assessment should 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, 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.

Knauf, Kemsley Fields Business Park, Sittingbourne, Kent ME10 3HW Tel: (01795) 424499 Fax: (01795) 428651
Email: info@knauf.co.uk Website: www.knauf.co.uk