

DENSTONE CASTING PLASTER

1. IDENTIFICATION OF SUBSTANCE/PREPARATION/DENTAL PLASTERS

Supplier:
WA Products (UK) Ltd
Midas House, 9 Burnham Business Park
Springfield Road
Burnham-on Crouch
Essex CM0 8TE

2. COMPOSITION/INFORMATION ON INGREDIENTS

Gypsum based plasters are not classified hazardous under CHIP 2 Regulations 1994. Refer to section 15 - Regulatory information.

General composition:

Gypsum based plasters are principally calcium sulphate hemihydrate & natural constituents which may include clay. Limestone & minor amounts of quartz.

3. HAZARDS IDENTIFICATION

Powders may irritate eyes or sensitive skin, dust may irritate respiratory system.

4. FIRST-AID MEASURES

Inhalation:

Remove person to fresh air.

Skin contact:

Wash skin thoroughly with water & soap.

Eye contact:

Wash eye with clean water for 10 mins, seek medical advice if irritation persists.

Ingestion:

Wash mouth out & drink plenty of water.

Please note:

Should any symptoms persist obtain medical assistance.

**5. FIRE FIGHTING MEASURES**

Plasters are non-combustible & inhibit the spread of flame. Paper packaging is combustible, extinguish with water etc.

6. ACCIDENTAL RELEASE MEASURES

Control & suppress dust formation, vacuum or sweep up & shovel into bags. Prevent plasters contaminating drains & watercourses as a powder or a slurry. Refer to section 8 - Exposure/Protection & section 13 - Disposal Considerations.

7. HANDLING & STORAGE

Minimise & control dust when opening bags or mixing products.

Avoid prolonged or repeated contact with plasters on the skin or any eye contact. Wear protective clothing when mixing or working with powdered or wet plasters. If handling bags manually use the correct "manual handling techniques".

8. EXPOSURE CONTROLS/PERSONNEL PROTECTION**OCCUPATIONAL EXPOSURE LIMITS**

Substance: Gypsum/plaster

Total inhalable: 10 mg/m³ 8hr TWA OES

Total respirable: 5 mg/m³ 8hr TWA

Substance: quartz (silica)

Total inhalable: 0.4 mg/m³ 8hr TWA MEL

Refer to current edition HSE EH40 Occupational Exposure Limits

PERSONAL PROTECTION**Respiratory:**

- Control dust formation & ventilate the area of work - dust mask to EN149 class FFP1 is advised
- To avoid skin contact wear protective overalls & footwear
- To reduce the effect of skin contact, apply a barrier cream to hands
- If powder or splashes are likely, wear safety goggles to BS2092



9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:

Dentstone KD buff coloured powder
Dentstone HXD green tinted powder
Dental / Surgical white to off white powder

Odour:

Odourless

pH:

Neutral

10. STABILITY & REACTIVITY

Stable & unreactive

11. TOXICOLOGICAL INFORMATION

Inhalation:

Dust may irritate respiratory system, no known long term effects

Skin contact:

Prolonged contact with powder or wet mix may dry skin leading to irritation

Eye contact:

Powder or wet mix splashes may irritate by particulate in the short term

Ingestion:

Ingestion is unlikely to cause any significant reaction or long term effect, but should be avoided.

12. ECOLOGICAL INFORMATION

Mobility:

Sparingly soluble in water, forms a solution & solidifies

13. DISPOSAL CONSIDERATIONS

Dispose:

At an authorised landfill site in accordance with local or national controls



14. TRANSPORT INFORMATION

Not classified as hazardous for transport

15. REGULATORY INFORMATION

Not classified as hazardous under CHIP 2 as amended by CHIP 96: The Chemicals (Hazard Information & Packaging) Regulations 1994 as amended by CHIP (amendment) Regulations 1996.

Occupational Exposure Limits EH40

The Control of Substances Hazardous to Health (COSHH) Regulations 1994

This safety data sheet is prepared in accordance with CHIP Regulations & Directive 91/155/EEC

16. OTHER INFORMATION

Recommended uses:

For the production of dental models to be used in the manufacture of false teeth, orthodontry & crown & bridge work.

This information reflects typical values & is not a product specification.

No warranty is hereby expressed or implied.

NOTE TO USER: This safety data sheet does not constitute users own workplace risk assessment