

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: System Stone
Product Code: 209, 210, 211, 364, 470, 687, 688, 689, 742, 868

Application: Die material

Company: Davis Schottlander & Davis Ltd
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2. HAZARD IDENTIFICATION

Description of dangers: None.
Special guidelines concerning dangers to humans and the environment: None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation	CAS No.	%w/w
Calcium sulphate hemihydrate	7778-18-9	85%

Dangerous contents: None

4. FIRST AID MEASURES

No particular measures required.
If substance has been swallowed: drink plenty of water and consult doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: All suitable extinguishing agents, product itself is not combustible.
Unsuitable extinguishing agents: None.
Particular danger caused by material, its combustion products or gases produced: None.
Special protective equipment: None.

6. ACCIDENTAL RELEASE MEASURES

Procedure for cleaning/absorption: Absorb mechanically. Take up in a dry state. Avoid causing dust.

7. HANDLING AND STORAGE

Handling: Use extraction if dust is formed.
Storage: Keep container tightly closed in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Use in a well ventilated area and avoid inhaling the dust. Wear eye protection. Wear a mask with a P1 filter if necessary. Do not eat or drink when handling the product. Wash hands after

handling. Maintain the general maximum admissible concentration in the workplace of $\leq 6\text{mg/m}^3$.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder	Colour:	White or coloured
Odour:	Odourless	Change of state:	N/A
Flammability:	N/A	Ignition temperature:	N/A
Spontaneous ignition:	N/A	Danger of explosion:	N/A
Vapour pressure:	N/A		
Density:	$\text{CaSO}_4 \cdot x \text{H}_2\text{O}$ ($x = \frac{1}{2}$) / approx. 2,31 – 2,97 g/cm ³		
Bulk density:	1.200 g/l		
Solubility:	approx 2 g/l		
pH Value:	N/A		

10. STABILITY AND REACTIVITY

Avoid moisture.
No dangerous reactions are known.

11. TOXICOLOGY INFORMATION

Acute toxicity: Not toxic.

12. ECOLOGICAL INFORMATION

None known.

13. DISPOSAL CONSIDERATIONS

By waste contractor or incinerator in accordance with local regulations. Do not dispose of into landfill. European Waste Catalogue No. 31408.

14. TRANSPORT INFORMATION

Unrestricted.

15. REGULATORY INFORMATION

Labelling according to EU directives: Calcium sulphate is not to be labelled according to Directive 67/548 EEC for the classification, packaging or characterisation of hazardous substances and preparations (adapted to technical progress by Directive 1999/45/EC).

16. FURTHER INFORMATION

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.