

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier
SNOW PRINT PLASTER

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Forensics - to develop show prints in snow.
Professional use only.

Uses advised against

No known

1.3 Details of the supplier of the safety data sheet

Kjell Carlsson Innovation
Rinkebyvägen 18
172 37 Sundbyberg
Sweden
+46 (0) 8 28 07 84
kjell@carlssoninnovation.se
www.carlssoninnovation.se

1.4 Emergency telephone number

+46 (0) 8 28 07 84 (Office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

EU Regulation 1272/2008
Not classified

EU Directive 1999/45/EG
Not classified

2.2 Label elements

EU Regulation 1272/2008
No label

EU Directive 1999/45/EG
No label

2.3 Other hazards

The product forms slippery surface when combined with water.
Inhalation of dust may affect the lung function.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components		Classification ¹	%
		67/548/EEG	
		1272/2008	
CAS No: -	-	-	-
EINECS No: -		-	
Reach Reg No: -			

Other components

CAS No: 7778-18-9 Calcium sulfate

EINECS No: 231-900-3

Reach Reg No: no information

1) See explanations in section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Fresh air.

Skin contact

Wash the skin with soap and water.

Eye contact

Remove contact lenses.

Rinse the eyes with plenty of water. Keep eyelids wide apart.

Contact a physician if inconvenience occurs.

Ingestion

Rinse mouth with water.

Contact a physician if inconvenience occurs.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Inhalation of dust may be irritating and affect the lung function.

Eye contact

May be irritating (mechanical effect).

4.3 Indication of any immediate medical attention and special treatment needed

No information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use suitable extinguishing media dependent on what is on fire in the vicinity, CO₂, dry chemicals, foam.

5.2 Special hazards arising from the substance or mixture

The smoke may be corrosive.

Clean the area.

5.3 Advice for firefighters

Nothing in particular.

The product is not flammable.

SECTION 6: Accidental release measure

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Avoid contact with eyes.

Mixed with water, the product may cause slippery floors. Don't walk in spilled product.

6.2 Environmental precautions

Nothing in particular.

6.3 Methods and material for containment and cleaning up

Sweep up spill with a shovel and put in a container.

Clean the area.

6.4 Reference to other sections

See section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid formation of dust.

Avoid contact with eyes.

Do not eat, drink or smoke when using the product.

Wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities

Protect from moisture.

Store in closed containers in a dry place.

7.3 Specific end use(s)

Forensics - to develop show prints in snow. Professional use only.

See instructions from the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values in Sweden (AFS 2011:18)

Compound	Threshold limit value ppm / mg/m ³	Ceiling limit value ppm / mg/m ³	Notes
			No limit values

8.2 Exposure controls

Avoid contact with eyes.
Wash your hands after use.

Personal protection

Use appropriate respiratory protection if there is a risk of formation of dust.
Use protective goggles when there is a risk of splashing.
Use protective gloves when prolonged or repeated exposure.

Environmental exposure controls

See section 13.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	white powder
Flammability	not flammable
Odour	none
pH (20 °C)	ca 7 (water solution)
Melting point	not relevant
Boiling point	not relevant
Combustibility	not combustible
Flash point	not relevant
Ignition temperature	not relevant
Explosive limits (dust)	Lower not explosive Upper not explosive
Vapour pressure	not relevant
Density (20 °C)	2.6-2.7 g/cm ³

9.2 Other information

The product has low solubility in water (ca 8.8 g/L).

SECTION 10: Stability and reactivity

10.1 Reactivity

Not liable to react under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No known.

10.4 Conditions to avoid

Moisture.

10.5 Incompatible materials

No known.

10.6 Hazardous decomposition products

No known under normal conditions.

In case of fire – see section 5.

SECTION 11: Toxicological information

The product has not been tested.

11.1 Information on toxicological effects

Compounds

Calcium sulfate

Inhalation	prolonged exposure to dust may affect the lung function
Skin contact	not irritating not sensitizing
Eye contact	may be irritating (mechanical effect)
Ingestion	LD ₅₀ Oral rat: >3000 mg/kg bw
Genotoxicity	no information
Carcinogenicity	not carcinogenic
Toxicity for reproduction	no information

Mixture

When used according to the instructions, the product is not considered to have any harmful effects.

Likely routes of exposure – skin and eyes.

SECTION 12: Ecological information

The product has not been tested.

12.1 Toxicity

Calcium sulfate

LC ₅₀ fish 96h	876 mg/l	Species: <i>Lepomis macrochirus</i>
LC ₅₀ invertebrates 96h	30 000 mg/l	Species: <i>Daphnia magna</i>

12.2 Persistence and degradability

No information.

12.3 Bioaccumulative potential

No information.

12.4 Mobility in soil

No information.

12.5 Results of PBT and vPvB assessment

No information.

12.6 Other adverse effects

No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Discarded product is not classified as hazardous waste according to EU Directive 2008/98/EC.

EWC codes:

06 03 14 - Solid salts and solution other than those mentioned in 06 03 11 and 06 03 13

17 08 02 - Gypsum-based construction materials other than those mentioned in 17 08 01

NOTE – the user is responsible for classification of the waste.

Packaging

Empty, clean packaging can be recycled.

Contact the local waste management before discarding the product or the packaging.

See additional regulations in EU Directive 2008/98/EC.

SECTION 14: Transport information

The product is not classified Dangerous goods according to ADR.

14.1 UN number

Not relevant.

14.2 UN proper shipping name

Not relevant.

14.3 Transport hazard class(es)

Not relevant.

14.4 Packing group

Not relevant.

14.5 Environmental hazards

Not relevant.

14.6 Special precautions for user

Not relevant.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

ADR – European Agreement Concerning the International Carriage of Dangerous goods by Road.

AFS 2011:18 - Hygieniska gränsvärden - Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden – *Occupational limit values in Sweden.*

15.2 Chemical safety assessment

No Chemical Safety Report is available for the product.

SECTION 16: Other information

References

Data from the manufacturers

Kemiska Ämnen –Chemical Substances database on the Internet <http://www.prevent.se/kemiskaamnen/>

IUCLID Dataset on Calcium sulphate, natural CAS nr 7778-18-9 http://esis.jrc.ec.europa.eu/doc/IUCLID/data_sheets/7778189.pdf

Manufacturer

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Explanations to risk phrases and hazard statements

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Advice for workers
See section 8.

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