

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SNOWCAL 40-ML

Product code PR74453-00
Version: 1 . 0 / CH / 13.04.2011

Print Date 13.04.2011

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : SNOWCAL 40-ML

Recommended use : Filler or Pigment

Company : Omya International AG
Baslerstrasse 42
4665 Oftringen

Telephone : +41627892929

Telefax : +41627892077

E-mail address : sdb.ch@omya.com

Emergency telephone number : +41627892365

outside business hours : +41613192837

2. HAZARDS IDENTIFICATION

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Calcium carbonate (CaCO₃).

Components	CAS-NO.	EINECS-NO.	SYMBOL(S)	R-PHRASE(S)	CONCENTRATION
Ground calcium carbonate	1317-65-3	215-279-6			>= 97,5 % <= 99,5 %
Quartz	14808-60-7	238-878-4			>= 0,1 % < 1 %

4. FIRST AID MEASURES

Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact : Rinse with plenty of water.

Inhalation : If symptoms persist, call a physician.

Ingestion : Do NOT induce vomiting.

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Show this safety data sheet to the doctor in attendance.

Notes to physician

Symptoms : Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Further information : The product is not flammable.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Pick up when dry.
Treat recovered material as described in the section "Disposal considerations".
Keep away from acids.

7. HANDLING AND STORAGE

Handling

Safe handling advice : Handle in accordance with good industrial hygiene and safety practice.

Storage

Requirements for storage areas and containers : Keep container tightly closed.
Keep container dry.

Advice on common storage : Do not store near acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).
Half mask with a particle filter P2 (EN 143).

Exposure Limit Values : 10 mg/m³ Germany Total dust

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Exposure Limit Values	: 3 mg/m ³	Germany	Respirable dust
ACGIH TLV	: 10 mg/m ³	United States of America	Total dust
OEL (8h)	: 4 mg/m ³	United Kingdom	Respirable dust
OEL (RCS)	: 0,05 mg/m ³	Italy	
OEL (RCS)	: 0,4 mg/m ³	Ireland	
Hygiene measures	: Handle in accordance with good industrial hygiene and safety practice.		
Hand protection	: not required		
Eye protection	: not required		
Skin and body protection	: not required		
Environmental exposure controls	: not applicable		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	: powder
Colour	: white
Odour	: characteristic

Other data

Melting point	: not applicable	
Boiling point	: not applicable	
Flash point	: not applicable	
Flammability	: does not ignite	
Explosivity	: Not explosive, MEI > 1.000 mJ.	
Density	: 2,6 - 2,8 g/cm ³ [20 °C]	DIN-ISO 787/10
Water solubility	: 0,014 g/l [20 °C]	
Water solubility	: 0,018 g/l [75 °C]	
pH	: 8,5 - 9,5 100 g/l [20 °C]	DIN-ISO 787/9
Partition coefficient: n-octanol/water	: POW: < 1 estimated	

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10. STABILITY AND REACTIVITY

Thermal decomposition	:	> 600 °C
Conditions to avoid	:	no data available
Materials to avoid	:	Keep away from acids.
Hazardous reactions	:	Reacts with acids. It forms carbon dioxide (CO ₂). This displaces the oxygen in the air in closed spaces. (danger of suffocation).
Type of listing	:	Hazardous decomposition products formed under fire conditions.
Hazardous decomposition products	:	Carbon dioxide (CO ₂)

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50, rat: > 2.000 mg/kg
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12. ECOLOGICAL INFORMATION

Toxicity to fish	:	LC50, <i>Oncorhynchus mykiss</i> (rainbow trout) / 96 h: > 10.000 mg/l
Toxicity to algae	:	EC50, <i>Desmodesmus subspicatus</i> (green algae) / 72 h: > 200 mg/l
Toxicity to daphnia	:	EC50, <i>Daphnia magna</i> (Water flea) / 48 h: > 1.000 mg/l
Remarks	:	<p>In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters. Negative effects on the environment should therefore be excluded. These minerals are not biodegradable. Restrictions may be indicated that concentrated suspensions these minerals in natural waters may have an unfavorable effect on water organisms (disturbance of the micro flora and -fauna in the sediment and subsequent detriment to the existence of higher water organisms).</p>

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13. DISPOSAL CONSIDERATIONS

Product : Can be landfilled, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Additional advice : Delivered by post
PERMITTED

15. REGULATORY INFORMATION

Labelling according to EC Directives : The product does not need to be labelled in accordance with EC directives or respective national laws.

National legislation

German storage class : 13 Non Combustible Solids

Water contaminating class (Germany) : not water endangering
German legislation on water endangering substances VwVwS

16. OTHER INFORMATION

Lead Organisation : Omya International Ltd, Group Regulatory Affairs, 4665 Oftringen, Switzerland

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

(II) Indicates updated section.