

Talc

RM1059

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Version 3
Revision date 30.06.2013**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product Identifier**

Product name : Scarva Raw Materials RM1059 Talc

EC no : 238-877-9

CAS No. : 14807-96-6

REACH registration No. : Exempt

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Substance used as such, in formulation or in formulation of products such as:

- Agriculture
- Coatings
- Ceramics
- Plastics

1.3. Details of the supplier of the safety data sheet

Scarva Pottery Supplies

Unit 20

Scarva Road Industrial Estate

Scarva Road

Banbridge

Co Down

BT32 3QD

t: +44 (0)28 4066 9699

e: david@scarvapottery.com

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1.3. Emergency telephone number

+44 (0)28 4066 9699

SECTION 2: Hazards Identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Physical and chemical hazards: Not classified

Human health: Not classified

Environment: Not classified

Full text of H-phrases: see section 16

Does not pose any health hazard under normal conditions of use and as delivered. Prolonged high dust concentration may cause mechanical irritation of respiratory tract.

2.2. Label Elements**Labelling according to Regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with GHS criteria.

Safety Data Sheet

according to regulation (EC) No 1907/2006

2.3. Other hazards according to Regulation (EC) No 1272/2008 [CLP]

This substance/mixture does not meet the PBT criteria of REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical Name	CAS No	EC No	%	Classification (67/548/EEC)	Classification (1272/2008/EC)
Magnesium Silicate	14807-96-6	238-877-9	55-60	Not classified	Not classified
Magnesium Carbonate	546-93-0	208-915-9	40-45	Not classified	Not classified
Quartz	14808-60-7	238-878-4	<1	Not classified	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Remove contaminated clothing.
After inhalation	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
After ingestion	Rinse mouth thoroughly. Get medical attention if any discomfort continues.
After eye contact	Make sure to remove any contact lenses from the eyes before rinsing. Rinse eye with water immediately. Get medical attention if any discomfort continues.
After skin contact	Wash skin with soap and water. Get medical attention if irritation persists after washing.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation: Dust in high concentrations may irritate the respiratory system
Ingestion: May cause discomfort if swallowed
Skin contact: Powder may irritate skin
Eye contact: Particles in the eyes may cause irritation and smarting

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

No specific extinguishing media is needed. Use an extinguishing agent suitable for the surrounding fire.

Extinguishing media that must not be used for safety reasons

None

5.2. Special hazards arising from the substance or mixture

Not combustible

5.3. Advice for firefighters

Protective equipment

No specific fire fighting procedures given.

Additional information

None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

Safety Data Sheet

according to regulation (EC) No 1907/2006



6.2. Environmental precautions

Prevent entry to sewers and soil. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Sweep or shovel spills into appropriate container for disposal. Avoid dust production.

6.4. Reference to other sections

Refer to Sections 8 and 13 for exposure controls/personal protection and disposal considerations

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling

Do not breathe dust. Wash hands plentifully and other exposed areas with water after handling. Remove contaminated clothing and shoes. Wash clothing before re-using. When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Remove contaminated clothing and shoes.

Advice on protection against fire and explosion

No special precautions necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in dry, cool, well-ventilated area. Keep away from food, drink and animal feeding stuffs.

Further information on storage conditions

No special requirements.

7.3. Specific end use(s)

Refer to Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Exposure limits EH(40)

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, respirable crystalline silica dust).

Magnesium Carbonate – WEL TWA -8hrs 4mg/m3 respirable dust. 10mg/m3 Total dust

Magnesium Silicate - WEL TWA -8hrs 1mg/m3 Total dust

Quartz – WEL TWA – 8hrs 0.1mg/m3

WEL = Workplace Exposure Limit

8.2. Exposure controls

Appropriate engineering controls

Use as far as possible in a closed system. Provide a regular control of the atmosphere. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Local exhaust and general ventilation must be adequate to meet exposure standards. Please refer to the annex (exposure scenarios).

Skin protection

Wear closed protective clothing.

Respiratory protection

Use respiratory protection mask according to EN 140 or EN 405 with filter type P3 according to EN 143:2000 or FFP3 according to EN 149:2001.

Protection of hands

Appropriate protection (e.g gloves, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin. Wash hands at the end of each work session.

Protection of eyes

Wear safety glasses with side shields according EN 166.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General information

Form:	Solid powder
Colour:	White
Odour:	odourless
Odour threshold:	not applicable
pH value:	9
Flammability:	The product is not flammable
Relative density:	2.8
Solubility in water:	Insoluble
Decomposition temperature:	No data available
Melting point:	1,300 °C

SECTION 10: Physical and chemical properties

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal conditions of handling and storage.

10.3. Possibility of hazardous reactions

None known

10.4. Conditions to avoid

None known

10.5. Incompatible materials

Acids. Oxidising materials.

10.6. Hazardous decomposition products

None under normal circumstances

SECTION 11: Toxicological Properties

11.1. Information on toxicological effects

Acute toxicity (Oral LD50)

8,000mg/kg rat

Inhalation

Dust in high concentrations may irritate the respiratory system

Ingestion

May cause discomfort if swallowed

Skin contact

Powder may irritate the skin

Eye contact

Particles in the eye may cause irritation and smarting

SECTION 12: Ecological Information**12.1. Toxicity**

Not considered toxic to fish

12.2. Persistence and degradability

The product is not readily biodegradable

12.3. Bioaccumulative potential

The product is not bioaccumulating

12.4. Mobility in soil

Not relevant due to the form of the product

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT or vPvB criteria of REACH, annex XIII.

SECTION 13: Waste disposal**13.1. Waste treatment methods****Waste treatment methods:**

Dispose of this material and residues in accordance with local authority requirements.

Additional information:

Empty packaging can have residues or dusts and are subject to proper waste disposal, as above.

Ecology - waste materials:

See the European waste catalogue.

SECTION 14: Transport information**14.1. UN number**

The product is not covered by international regulation on transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3. Transport hazard class(es)

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.4. Packaging group

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.5. Environmental hazards

ADR/RID: Not dangerous goods

IMDG: Marine pollutant: Not dangerous goods

IATA: Not dangerous goods

14.6. Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

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

N/A.

SECTION 15: Regulatory information

Safety Data Sheet

according to regulation (EC) No 1907/2006



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

Approved code of practice:

Classification and labelling of substances and preparations dangerous for supply. Safety data sheets for substances and preparations.

Guidance notes:

Workplace Exposure Limits EH40.

EU Legislation:

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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 with amendments.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other Information

Abbreviations and acronyms

NC – Not classified
TWA - Time Weighted Average
LD – Lethal Dose
LC - Lethal Concentration
ADR - Accord européen sur le transport des marchandises dangereuses par route
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations
ICAO-TI - International Civil Aviation Organization-Technical Instructions
IMDG - International Maritime Code for Dangerous Goods
MARPOL - Maritime Pollution Convention

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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