

Safety Data Sheet

according to regulation (EC) No 1907/2006

scarva

Flint

RM1027

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

1.1. Product Identifier

Scarva Raw Materials RM1027 Flint

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

Use of the substance/mixture

Ceramics

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

w: www.scarva.com

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

May cause minor irritation on eye contact. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May cause minor irritation on skin contact.

2.2. Label Elements

Labelling according to Regulation (EC) No 1272/2008

This product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word: Warning

Hazard statements

H302 Harmful if swallowed.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H372 Causes damage to organs (Lungs) through prolonged or repeated exposure

Precautionary statements

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P260 Do not breathe dust/fume/gas/vapour/spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P285 In case of insufficient ventilation wear respiratory protection.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P501 Dispose of contents/container according to local regulations.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ec No.	Chemical Name	CAS No.	Index No.	Percentage Composition
215-202-6	Crystalline Silica STOT RE 1 - H372	1313-13-9		10-25%

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
After ingestion	Do not induce vomiting. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Get medical attention if any discomfort continues.
After eye contact	Rinse with water. Contact physician if 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

No further relevant information available.

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

Co-ordinate firefighting measures to the fire surroundings.

Extinguishing media that must not be used for safety reasons

None known.

5.2. Special hazards arising from the substance or mixture

Dust may form an explosive mixture in the atmosphere.

5.3. Advice for firefighters

Protective equipment

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

No further relevant information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. Avoid contact with skin and eyes.

6.2. Environmental precautions

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Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

6.3. Reference to other sections

Treat the recovered material as prescribed in section 13 on waste disposal.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Advice on safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Observe occupational exposure limits and minimise the risk of inhalation of dust.

Advice on protection against fire and explosion

No special fire protection measures are required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in closed original container in a dry place.

Requirements for storage rooms and vessels

No special restrictions on substances.

Further information on storage conditions

No special requirements.

7.3. Specific end use(s)

Glaze coating of ceramic products

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Manganese Dioxide is embedded in the product and not available as a respirable dust.

<u>Cas No</u>	<u>Substance</u>	<u>ppm</u>	<u>mg/m³</u>	<u>fibres/ml</u>	<u>Category</u>	<u>Origin</u>
1313-13-9	Flint	-	4	-	TWA (8 hours)	
		-	-	-	STEL (15 min)	

8.2. Exposure controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Protective and hygiene measures

Wash hands before breaks and immediately after using the product. When using do not eat, drink or smoke.

Protection of hands

For prolonged or repeated skin contact use suitable protective gloves.

Protection of eyes

Wear dust resistant safety goggles where there is danger of eye contact.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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General information

Form:	Powder
Colour:	White
Odour:	Odourless
Water solubility:	Insoluble
pH:	7

Changes in the physical state

Flash point °C:	Not applicable
Melting point:	No data available
Boiling point:	No data available
Evaporation rate:	No data available
Flammability:	Non flammable
Burn rate:	Not applicable

SECTION 10: Physical and chemical properties

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

No decomposition if stored normally.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

No dangerous reaction known under conditions of normal use.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Not known.

SECTION 11: Toxicological Properties

11.1. Information on toxicological effects

Acute toxicity

LD ₅₀	Oral	5000 mg/kg (Rat)
LD ₅₀	Dermal	No data available
LD ₅₀	Inhalation	No data available

Skin irritation and corrosivity

No data available

Sensitisation

No data available

Serious eye damage/eye irritation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

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No data available

Additional toxicological information

No data available

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Other adverse effects

No further relevant information available.

SECTION 13: Waste disposal

13.1. Waste treatment methods

Waste key number

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

ADR/RID, IMDG, IATA: Not restricted.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Marine pollutant No.

14.6. Special precautions for user

Not a hazardous material with respect to these transport regulations.

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

Not applicable.

SECTION 15: Regulatory information

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

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Hazard Pictograms



GHS07

Signal Word: Warning

Hazard determining components of labelling

Crystalline silica

Hazard statements

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UK regulatory references

Health and Safety at Work Act 1974.

Statutory instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. 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 Regulation (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.

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other Information

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 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.

Relevant Phrases

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Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LD50: Lethal dose, 50 percent
WEL: Workplace Exposure Limits
TWA: Time Weighted Averages
STEL: Short Term Exposure Limit