



PRODUCT SAFETY DATA SHEET

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

1.1. Product Identifiers

Product Name: Marbling Size (water thickener)

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

The marbling size is to be used for arts & craft work.

1.3. Company/undertaking identification

Brian Clegg Ltd
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United Kingdom

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1.4. Emergency Contact Information

+44 (0)1706 666620 (Office hours)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
Not classified

Classification according to EU Directives 67/548/EEC or 1999/45/EC
Not classified

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008 [CLP]

Pictogram:	na
Signal word:	na
Hazard statement(s)	None
Precautionary statement(s)	None
Supplemental Hazard Statements	None

SDS-BC48 Marbling Size (water thickener)

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)	na
R-phrases(s)	None.
S-phrases(s)	None

2.3. Other hazards

Risk of dust explosion.

The marbling size conforms to all relevant parts of the European Toy Safety regulations (EN71).

Eye contact may cause temporary irritation.

Repeated/prolonged skin contact may cause minor irritation to sensitive individuals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description of Material: White/off-white granular powder.

EINECS N°	CAS N°	INDEX N°	Chemical name	Conc. (% w/w)	Hazard class and category code	Hazard statement	Danger symbol/R phrases
	9004-32-4	n.a.	Sodium carboxymethyl cellulose	99.5 - 100%	None	None	None

4. FIRST AID MEASURES

4.1 Description of First Aid Measures

General Advice:	First aid followed by medical attention.
Inhalation:	Move exposed person to fresh air. Keep warm and at rest. Seek medical attention as soon as possible.
Skin contact:	Wash with mild soap and water. Generally the product does not irritate the skin. Seek medical advice if irritation occurs/persists.
Eye Contact:	Rinse opened eye for several minutes under running water. Seek medical attention if irritation persists.
Ingestion:	Wash mouth out with water, seek medical attention if symptoms occur.

4.2 Most Important Symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Water spray, extinguishing foam, dry powder extinguisher, carbon dioxide.

5.2 Special hazards arising from the substance or mixture:

Do not allow run-off to sewer, waterway or ground.
Avoid generation and spreading of dust. Risk of dust explosion.

5.3 Advice for firefighters:

Dike and collect extinguishing water. Dispose of waste and residues in accordance with local authority regulations.
Wear self contained breathing apparatus for fire fighting.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Avoid formation of dust
Wear dust masks.
Keep unprotected persons away.

6.2 Environmental precautions:

Try to prevent material entering drains or water. No special precautions applicable.

6.3 Methods for cleaning up:

Pick up manually or use electrically protected vacuum cleaner.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid contact with skin and eyes.
Avoid formation of dust.
Provide appropriate exhaust ventilation at places where dust is formed.
No sparking tools should be used.
Normal measures for preventive fire protection.

7.2 Conditions for safe storage including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Keep away from heat/sparks/open flames/hot surfaces. No smoking

7.3 Specific end uses:

None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Dust Exposure Limit Values:
TWA – Time Weighted Average 4 mg/m³

National exposure control limits must be considered where appropriate.

8.2 Exposure Controls:

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

SDS-BC48 Marbling Size (water thickener)

Personal Protective equipment

Ventilation:

Provide appropriate exhaust ventilation where dust is formed.

Respiratory protection:

None required under normal conditions of use. Under conditions of heavy exposure respiratory protection is recommended. Half mask with a particle filter P2 (EN143)

Hand Protection:

Not required under normal conditions of use. For prolonged or repeated contact use protective gloves complying with EN 374.

Eye Protection:

Not required under normal conditions of use. Under conditions of heavy exposure eye protection is recommended.

Body Protection:

Not required under normal conditions of use.

General Safety and Hygiene measures:

Do not eat or drink while working with the product.
Wash hands before breaks and at the end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance:	White/off white crystalline powder
b) Odour:	odourless
c) Odour threshold	no data available
d) pH	6-8.5 @ 1% solution
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Ignition temperature	360 °C
i) Evaporation rate	no data available
j) Flammability (solid,gas)	no data available
k) Lower explosion limit	60 g/cm ³
l) Upper explosion limit	no data available
m) Vapour pressure	no data available
n) Vapour density	no data available
o) Bulk density	200-1,000 kg/cm ³
p) Water solubility	soluble in water, gel formation

SDS-BC48 Marbling Size (water thickener)

q) Partition coefficient: n octanol/water	no data available
r) Autoignition temperature	170 °C
s) Burning number	5
t) Decomposition temperature	no data available
u) Viscosity	5,000-15,000 mPas at 25 °C
v) Dust explosion class	St1
w) Explosive properties	dust may form explosive mixture with air
x) Minimum ignition energy	>999 mJ
y) Oxidizing properties	this substance is not classed as oxidising

9.2 Other Safety Information

No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under the recommended storage conditions.
Dust may form explosive mixture in air.

10.3 Possibility of hazardous reactions

no data available.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

no data available.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity LD50: >5,000 mg/kg
Species: rats
The value is estimated from tests on similar substances.

Skin sensitisation/irritation

may be mild irritation

Serious eye damage/eye irritation

may be mild irritation

Respiratory sensitisation

Dust may be irritating to the respiratory system.

SDS-BC48 Marbling Size (water thickener)

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish LC50: >100 mg/l
Exposure time: 96 h
Species: Danio reio (zebra fish)
The value is estimated from tests on similar substances.

12.2 Persistence and degradability

Inherently biodegradable

12.3 Bioaccumulative potential

Biaccumulation is unlikely

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)
This substance is not considered to be very persistent nor very bioaccumulating (vPvB)

12.6 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product: Remove in accordance with local official regulations.

Used packaging material: Containers may be recycled or re-used. Observe local/state/federal regulations.

14. TRANSPORT INFORMATION:

Not restricted for transport.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
no data available

15.2 Chemical Safety Assessment
no data available

16. OTHER INFORMATION

The Marbling Size conforms to all relevant parts of the European Toy Safety regulations (EN71).

Individuals with allergies or sensitivities to particular substances should contact us on +44 (0)1706 666620 for more detailed information on the components of the preparation.

Material use: The Marbling Size is intended for use as a thickening agent for water used for marbling inks.

SDS-BC48 Marbling Size (water thickener)

Restrictions on use: Not recommended for children <36 months
The Marbling Size should be used with appropriate adult supervision.

Issue Date : 5th April 2013
Revision Number : 1
Safety Data Sheet No. : BC48

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