

SAFETY DATA SHEET: **BD39 MAKING WAVES**

according to regulation (EC) Nr. 1907/2006

Revision Date: 10.07.2015

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

1.1. Product identifier

Product name

MAKING WAVES

REACH Registration Number

This product is a mixture and therefore not directly subject of the registration requirements under REACH.

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

Modelling use

1.3. Details of the supplier of the safety data sheet

Deluxe Materials Ltd
Unit 13, Cufaude Business Park
Cufaude Lane, Tadley
Hampshire, RG26 5DL
United Kingdom

SDS Contact (email of responsible person) info@deluxematerials.com

1.4. Emergency telephone number

+44 (0) 1256 883 944 (office hours only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Additional Labelling:

EUH208 Contains: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1), 1,2-Benzisothiazol-3(2H)-one. , 2-Methyl-2H-isothiazol-3-one.

May produce an allergic reaction.

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Polymer aqueous dispersion

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Get medical attention if symptoms occur.
: Show this safety data sheet to the doctor in attendance.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact : Wash off immediately with soap and plenty of water.
: Remove contaminated clothing. If irritation develops, get medical attention.

: Wash contaminated clothing before reuse.

In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

If swallowed : If accidentally swallowed obtain immediate medical attention.
: Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Repeated or prolonged exposure may cause irritation of eyes and skin.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media : Not combustible.

: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

: No information available.

5.2 Special hazards arising from the substance or mixture

The pressure in sealed containers can increase under the influence of heat.

5.3 Advice for fire fighters

Use personal protective equipment.

The product itself does not burn.

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Prevent fire extinguishing water from contaminating surface water or the ground water system.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so.

Large spills should be collected mechanically (remove by pumping) for disposal.

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Pick up and transfer to properly labelled containers.

Clean contaminated floors and objects thoroughly while observing environmental regulations.

Dispose of in accordance with local regulations.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protective equipment.

For personal protection see section 8.

Avoid inhalation, ingestion and contact with skin and eyes.

Do not use in areas without adequate ventilation.

Smoking, eating and drinking should be prohibited in the application area.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container.

Keep in properly labelled containers.

Store between 5 and 35 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

Do not freeze.

7.3 Specific end uses

Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components	CAS-No.	Value	Control	Update	Basis
ammonia, anhydrous	7664-41-7	TWA	25 ppm 18 mg/m ³	2007	EH40 (UK)
		STEL	35 ppm 25 mg/m ³	2007	EH40 (UK)

8.2 Exposure controls

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Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection : not required under normal use

Hand protection : Protective gloves complying with EN 374.

: Nitrile rubber

Break through time: 480 min

Glove thickness: 0.1 - 0.4 mm

: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and body protection : not required under normal use

: Skin should be washed after contact.

: Remove and wash contaminated clothing before re-use.

Hygiene measures : Wash hands before breaks and immediately after handling the product.

: When using do not eat, drink or smoke.

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

Environmental exposure controls

General advice:

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : paste, aqueous dispersion

Colour : white

Odour : ester-like

Odour Threshold : not determined

pH : 5.5 - 6.5

Melting point/freezing point : not determined

Boiling point : not determined

Flash point : not applicable

Evaporation rate : not determined

Flammability (solid, gas) : The product is not flammable.

Lower explosion limit : not applicable

Upper explosion limit : not applicable

Vapour pressure : ca. 23 hPa, at 20 °C

Relative vapour density : not determined

Relative density : 0.9 - 1.1

Water solubility : insoluble, completely miscible, in all proportions

Partition coefficient: noctanol/

water

: not determined

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Ignition temperature : not applicable
Viscosity, dynamic : 100 - 1,000 mPa s
Explosive properties : not applicable
Oxidizing properties : not applicable

9.2 Other information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data is available on the product itself. Information given is based on data on the components and the toxicology of similar products.

SECTION 12: Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

12.2 Persistence and degradability

Product:

Biodegradability : Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

12.3 Bioaccumulative potential

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Product:

Bioaccumulation : Bioaccumulation is unlikely.

12.4 Mobility in soil

Product:

Distribution among
environmental compartments

: No data available

Physico-chemical
removability

: 98 %, OECD Test Guideline 302, The product can be
eliminated from water by abiotic processes, e.g. adsorption on
activated sludge.

12.5 Results of PBT and vPvB assessment

Product:

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

Product:

This product has no known eco-toxicological effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

In accordance with local and national regulations.

The product should not be allowed to enter drains, water courses or the soil.

Waste water from subsequent processing should be given appropriate treatment in line with local regulations.

Contaminated packaging : In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.2 Proper shipping name

ADR

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Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.5 Environmental hazards

ADR

Not dangerous goods

RID

Not dangerous goods

IMDG

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

not applicable

SECTION 15: Regulatory information

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

Water contaminating class

(Germany)

: WGK 1 slightly water endangering

Classification according VwVwS, Annex 4.

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15.2 Chemical Safety Assessment not applicable

SECTION 16: Other information

Further information

Information taken from reference works and the literature.

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.

Annex: Exposure Scenario(s)

Development of Exposure Scenario is not required.

Revised

10/07/2015!