

SAFETY DATA SHEET

(Following Regulations (EC) No 1907/2006 & (EC) No 1272/2008)

SDS Number: 800 Date of first issue: 23 March 2015 Date of last revision: 21 February 2022

1 - Identification of product

1.1 - Identification of Product

Tradenames: HeBeCoat 10W,

Boron nitride suspension

1.2 - Use of Product

Industrial: Parting agent

1.3 - Identification of Company

IDENTIFICATION OF THE MANUFACTURER/SUPPLIER

Morgan Advanced Materials
Thermal Ceramics
30-36 Birralee Road, Regency Park, SA 5010, Australia
Telephone: 1800 467 858
Fax: 1800 467 850

Website

www.morganthermalceramics.com
sds.tc@morganplc.com

1.4 - Emergency information

EMERGENCY CONTACT NUMBER

Tel 1: +91 (4172) 244 313 extn no. 215 or 201
Language: English

Opening hours: Only available during office hours

2 - Hazard Identification

2.1 - Classification of the substance/ mixture

2.1.1 CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008

Not classified

2.1.2 CLASSIFICATION ACCORDING TO DIRECTIVE 1999/45/EC

Not classified

2.2 - Labelling Elements

Not applicable

2.3 - Other hazards which do not result in classification

3 - Composition / Information On Ingredients

3.2 Mixture

Suspension of Boron Nitride in water and wetting agent.

The product contains no hazardous ingredients according to Directive 67/548/EEC exceeding the relevant concentration limits

4 - First-Aid measures

Skin

No special measures necessary

Eyes

In case of eye contact flush abundantly with water; have eye bath available. Do not rub eyes. Seek medical attention if irritation persists.

Nose and Throat

Provide fresh air

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

No symptoms or effects expected either acute or delayed

4.3 - Indication of any immediate medical attention and special treatment required

No special treatment required, if exposure occurs wash exposed areas to avoid irritation.

5 - Fire-fighting measures

5.1 - Extinguishing media

Use extinguishing agent suitable for surrounding combustible materials.

5.2 - Special hazards arising from the substance or mixture

Non-combustible products,

5.3 - Advice for firefighters

Packaging and surrounding materials may be combustible.

6 - Accidental Release Measures

6.1 - Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment (see section 8). Do not walk through spilled material. If materials are released indicate risk of slipping.

6.2 - Environmental precautions

Dike with suitable materials

6.3 - Methods and materials for containment and clean up

Take up mechanically and dispose in accordance with local/state/federal regulations. Clean any slippery coating that remains using a cold cleaner (e.g. water surfactant blend).

6.4 - Reference to other sections

For further information, please refer to sections 7 and 8

7 - Handling and storage

7.1 - Precautions for safe handling

Precautions for safe handling

Avoid spillage of the product.

Additional information concerning handling

Efficient stirring up necessary before use.

7.2 - Conditions for safe storage

Requirements for storage areas and containers

Keep the containers away from temperatures below 5°C at storage and transport.

Advice for storage of incompatible materials

None known.

Additional information concerning storage conditions

Keep container tightly closed. Store at temperatures above 0°C

7.3 - Specific end use

8 - Risk Management Measures / Exposures Controls / Personal Protection

8.1 - Control parameters

Occupational Exposure Limit Values

No applicable European wide or country OEL's

Information on monitoring procedures

8.2 - Exposure controls

Ensure adequate ventilation

8.2.2 - Personal Protective Equipment

General protection and hygiene measures

Wash hands at end of work and before eating.

Personal Protective Equipment

Respiratory protection: Not required

Hand Protection: Not required

Eye Protection: Not required

Body Protection: Not required

8.2.3 - Environmental Exposure Controls

Refer to local, national or European applicable environmental standards for release to air water and soil.
For waste, refer to section 13

9 - Physical and chemical properties

Information on basic physical and chemical properties

State	Not applicable
Colour	White liquid/solid suspension
Odour	White
Odour threshold	None
pH	Not applicable
Melting point/freezing point	4-5
Initial boiling point and boiling point range	0°C
Flash point	Approx. 100°C
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	1.1 to 1.4 g/cm ³
Solubility(ies)	Not soluble in water
Partition co-efficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable
Other safety information	No further relevant information available.
Particle Characteristics	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable

10 - Stability and Reactivity

10.1 - Reactivity

The product is stable

10.2 - Chemical Stability

10.3 - Possibility of Hazardous Reactions

None

10.4 - Conditions to Avoid

Please refer to handling and storage advice in Section 7

10.5 - Incompatible Materials

None

10.6 - Hazardous decomposition products

None

11 - Toxicological information

Toxicokinetics, metabolism and distribution

Acute Toxicity

Kind of exposure	Value/Range	Species	Source/Method
Oral *	>50,000 mg/kg	Rat (limit test)	RTECS
Dermal *	>45,000 mg/kg	Rabbit (limit test)	RTECS
Inhalative	No data available		
Narcotic effects	No data available		

Corrosiveness/Irritation

Kind of exposure	Value/Range	Species	Source/Method
Skin	No data available		
Eyes	No data available		

Sensitising effects (skin, respiratory tract)

Kind of exposure	Value/Range	Species	Source/Method
Sensitising properties	No data available		

Repeated dose and long term toxicity (acute, subchronic, chronic toxicity)

No data available

Carcinogenicity, Mutagenicity and Toxicity to reproduction

	Effects	Source/Method
Carcinogenicity	No data available	
Mutagenicity	No data available	
Toxicity to reproduction	No data available	

* Data for Boron Nitride

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

12 - Ecological information

12.1 - Toxicity

Boron nitride is insoluble in water and can be removed by sedimentation.

No eco toxicity data available.

12.2 - Persistence and degradability

Not established

12.3 - Bioaccumulative potential

Not established

12.4 - Mobility in soil

No information available

12.5 - Results of PBT and vPvB assessment

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

This mixture contains no substance considered to be very persistent and very bioaccumulative (vPvB).

12.6 - Endocrine Disrupting Properties

No additional information available

12.7 - Other adverse effects

13 - Disposal Considerations

13.1 - Disposal Considerations

14 - Transport information

14.1 - Transport information

14.1. UN number

Not Applicable

14.2. UN proper shipping name

Not Applicable

14.3. Transport hazard class(es)

Not Applicable

14.4. Packing group

Not Applicable

14.5. Environmental hazards

Not Applicable

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15 - Regulatory information

15.1 - Regulatory information

This SDS has been prepared in accordance with WHO GHS rev. 6 requirements. Where applicable, local regulations have been followed.

16 - Other Information

16.1 - ADDITIONAL INFORMATION AND PRECAUTIONS TO BE CONSIDERED UPON REMOVAL OF AFTER SERVICE MATERIAL

16.2 - uses advised against

16.3 - NOTE

This Safety Data Sheet was originally produced in English and has subsequently been translated in to other languages; whilst every effort has been made to make this an accurate translation, please be aware that technical terms do not always translate correctly. The English version should always be considered as the reference version.

16.4 - Further Information

FURTHER INFORMATION

Further information can be found on

<http://www.morganthermalceramics.com/>

<http://www.ecfia.eu/>

<http://www.safeworkaustralia.gov.au/sites/swa/about/publications/pages/workplace-exposure-standards-airborne-contaminants>

16.5 - Technical Datasheets

16.6 - Revision Summary

Content checked and revision date updated

16.7 - NOTICE

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.