

Product name:	SIC FOIL	Page:	1/7
Revision Date:	2015-01-07	Print date:	2015-01-07
Document No.:	M0181	SDS-ID:	AU-EN/4.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name: SIC FOIL

Cat. No.
(\varnothing : 200 mm): 40400200, 40400201, 40400202, 40400203, 40400204, 40400205, 40400206, 40400207, 40400208.
(\varnothing : 250 mm): 40400220, 40400221, 40400222, 40400223, 40400224, 40400225, 40400226, 40400227, 40400228.
(\varnothing : 300 mm): 40400240, 40400241, 40400242, 40400243, 40400244, 40400245, 40400246, 40400247, 40400248.
(\varnothing : 350 mm): 40400260, 40400261, 40400262, 40400263, 40400264, 40400265, 40400266, 40400267, 40400268.

Container size: \varnothing 200-350

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

Application: Round sheets to be applied on: MD-Gekko orGekko PSA

Identified use(s): For wet grinding of materials with hardness: 30 - 800 HV

Uses advised against: The product should only be used for the application referred to above.

Details of the supplier of the safety data sheet

Supplier: Struers Australia
27 Mayneview Street
Milton QLD 4064, Australia

Responsible for safety data sheet authoring: Responsible for safety data sheet authoring: DHI
Any questions to the contents of this safety data sheet should be sent to:
Chemical.info@struers.dk

Emergency telephone number

Emergency telephone: +61 7 3512 9600
(Only during office hours)

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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product is an article with no intended release of chemical substances and exempted from classification and labelling.

Based on the information available, the product is not harmful to health or hazardous to the environment.

Label elements

The substance/mixture does not meet the criteria for classification in accordance with the hazard criteria of the National Model Regulation for the control of workplace hazard substances and the MSDS contains all the information required by the National Model Regulation for the control of workplace hazard substances.

Other hazards

May cause temporary irritation on skin or eye contact. (*)

PBT/vPvB: Not relevant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Foil coated with silicon carbide grains in resin binder.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation: If uncomfortable during dust-raising work: Move into fresh air and keep at rest.

Skin contact: If uncomfortable during dust-raising work: Remove contaminated clothes and rinse skin thoroughly with water.

Eye contact: If irritation occurs during dust-raising work, flush with plenty of water for up to 15 minutes.

Ingestion: Not likely, due to the form of the product.

Most important symptoms and effects, both acute and delayed

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Not known.

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SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Special hazards arising from the substance or mixture

Specific hazards: No specific precautions.

Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of dust.

Environmental precautions

Environmental precautions: Not relevant.

Methods and material for containment and cleaning up

Spill Cleanup Methods: Collect spillage with shovel, broom or the like.

Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Safe handling advice: Avoid inhalation of dust. Observe good chemical hygiene practices.

Technical measures: Work practice should minimise contact.

Technical precautions: Local exhaust is recommended.

Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in a dry place.

Specific end use(s)

Specific use(s): Not relevant.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

This/these substance(s) is/are subject to an Occupational Exposure Limit and may present an inhalation risk if present as dust or fume. This is not relevant to the current physical state of the product, which is not in a respirable form.

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
409-21-2	Silicon carbide (inspirable dust)	-	10 mg/m3	TWA	-	NOHSC

Exposure controls

Engineering measures: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of dust. Local exhaust is recommended.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: During dust-raising work: Use respiratory equipment with particle filter, type P2.

Hand protection: Risk of contact: Wear protective gloves. Nitrile gloves are recommended.

Eye protection: Risk of contact: Wear goggles/face shield.

Skin protection: No special precautions.

Environmental Exposure Controls: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Round sheets.

Odour: Odourless.

pH: Not relevant.

Boiling point: Not relevant.

Flash point: Not relevant.

Explosion limits: Not relevant.

Relative density: 1

Solubility: Not available.

Other information

Other data: Volatile Organic Compound (VOC): 0 g/l (calculated)

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SECTION 10: STABILITY AND REACTIVITY

Reactivity

Reactivity: None known.

Chemical stability

Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions

Hazardous Reactions: None known.

Conditions to avoid

Conditions/materials to avoid: None specific.

Incompatible materials

Incompatible materials: None specific.

Hazardous decomposition products

Hazardous decomposition products: None in particular.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Based on the information available, the product is not harmful to health or hazardous to the environment.

Inhalation: Dust may irritate throat and respiratory system and cause coughing.

Skin contact: Prolonged contact may cause redness and irritation.

Eye contact: Dust may cause irritation.

Ingestion: Not likely, due to the form of the product.

Specific effects: Risk of long-term effects is expected to be minimal from occupational exposure.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Based on the information available, the product is not harmful to health or hazardous to the environment.

Ecotoxicity: The product is not expected to be hazardous to the environment.

Persistence and degradability

Degradability: The degradability of the product has not been stated.

Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil

Mobility: No data available.

Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

Other adverse effects

Other adverse effects: None known.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

Waste from residues: EWC-code: 16 05 09

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADG).

UN number

UN-No: -

UN proper shipping name

Proper Shipping Name: -

Transport hazard class(es)

Class: -

Packing group

PG: -

Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

Special precautions for user

Special precautions: None known.

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

Transport in bulk: Not relevant.

SECTION 15: REGULATORY INFORMATION

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

National regulation: National Code of Practice for the preparation of material safety data sheets 2nd edition [NOHSC:2011(2003)].
National Exposure Standard [NOHSC:1003(1995)].
Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

Chemical Safety Assessment

CSA status: Not relevant.

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SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2.

The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Allan Vorup

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.
