

SAFETY DATA SHEET
Heating Element

SECTION 1: IDENTIFICATION

Product identifier: Heating Element
Substance Name: Silicon Carbide

Other means of identification Engineered Refractory

Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: Shaped refractory

Details of the supplier of the safety data sheet

Company:
CEM Corporation
3100 Smith Farm Road
Matthews, NC 28104

Telephone: 704-821-7015
Fax: 704-821-7894

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] Not classified
Classification according to 67/548/EEC or 1999/45/EC Not classified

Other hazards Not classified in PBT or vPvB

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Our products don't contain any hazardous substances.

SECTION 4: FIRST-AID MEASURES

Description of first aid measures

Inhalation, eye contact, ingestion: Unlikely exposure paths

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media: No restrictions

Special hazards arising from the substance or mixture None

Advice for fire-fighters

Product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Protective equipment: Dust Mask FFP2 (EN 149)
Safety glasses recommended
Safety gloves recommended

Environmental precautions: None

Methods and material for containment and cleaning up:

Mechanical cleaning

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Protective measures:
Advice on general occupational hygiene Do not eat, drink nor smoke on working area.
Wash hands after working.
Remove dust mask in workplace and keep contaminated cloths separate from clean clothes

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Store in a dry place
Storage class: 13

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Not applicable, inert shaped refractory without hazardous substances

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Important health, safety and environmental information

Appearance

Physical state: Solid

Safety relevant basic data

Density (g/cm³) at 20°C: 0,3 -0,7

SECTION 10: STABILITY AND REACTIVITY

No hazardous reactions during intended use

SECTION 11: TOXICOLOGICAL INFORMATION

Not applicable, product does not contain hazardous substances

SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)

Not applicable, product does not contain hazardous substances

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Waste treatment methods Respect local regulation

Waste codes / waste designations according to EWC / AVV:

Product: 10 12 01 (waste preparation mixture before thermal processing)

Recycling by specialized companies or construction rubble

Additional Information Must not be discharged into waters or drains

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

Not classified as dangerous for carriage

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

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

Regulation (EC) No 1272/2008 [CLP/GHS]: not classified

All substances contained in the articles are listed on TSCA (Toxic Substance Control Act).

None of the substances are listed in Proposition 65 (California).

SECTION 16: OTHER INFORMATION

This information is presented in good faith and believed to be accurate as of the date shown. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.