

Product Safety Information Sheet

A safety data sheet is not required for this product. This Product Safety Information Sheet has been created on a voluntary basis.
Date of issue : 07/27/2021

SECTION 1 : Identification

1.1. Identification

Product form : Article
Product name : MACOR Machinable Glass-Ceramic
Product code : 9658

1.2. Recommended use and restrictions on use

Use of the article: "Machineable glass ceramic for industrial use".

1.3. Supplier

Corning SAS – Specialty Glass
Rue Saint Laurent
CS10243 Bagneaux sur Loing
77797 NEMOURS CEDEX
T +33 1 64 45 43 95 - mathieut@corning.com

SECTION 2 : Hazard(s) identification

2.1. Classification of the substance or mixture

Not applicable

2.2. GHS Label elements, Including precautionary statements

Not applicable

2.3. Other hazards which do not result in classification

Product may have sharp edges. Improper handling may cause lacerations. Glass products in their normal state do not present an inhalation or ingestion hazard. Fabrication operations such as cutting, grinding, seaming, edging or breaking may result in the release of airborne dust which may present a health hazard. Irritation of eyes, nose, and throat when exposed to dust.

SECTION 3 : Composition / Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Components	Wt%	CAS No.
Glass	100%	Not applicable

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SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation :
In case of inhalation of fumes of molten material or dust: Move the affected person away from the contaminated area and into a fresh air. Give artificial respiration if necessary. Get medical advice and attention if you feel unwell.
- First-aid measures after skin contact :
Wash skin with plenty of water. In case of redness or irritation, call a doctor.
- First-aid measures after eye contact :
Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion :
Do NOT induce vomiting. Rinse mouth with water. Get medical advice/attention.
- First-aid measures after cutting :
Clean the wound, band it and call a doctor in case of deterioration.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation :
Repeated inhalation of product dust, over a long period of time, like any general dust, may increase the risk of irritation to throat and respiratory system.
- Symptoms/effects after skin contact :
Rubbing may cause abrasion of skin. May cause skin irritation.
- Symptoms/effects after eye contact :
Rubbing may cause abrasion of cornea. Dust may cause slight irritation to the ocular mucous membranes due to mechanical action.
- Symptoms/effects after ingestion :
Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
- Symptoms/effects after cutting :
Bleeding and local irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : All extinguishing agent can be used

5.2. Specific hazards arising from the chemical

Fire hazards: The product is not flammable

Auto Ignition Temperature: Not-flammable

Flash Point : N/A

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5.3. Specific protective equipment and precautions for fire-fighters

Protection during firefighting :
Do not attempt to take action without suitable protective equipment. Complete protective clothing.
Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures :
Avoid creating or spreading dust. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective Equipment :
Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Avoid release to the environment

6.3. Methods and material for containment and cleaning up

Methods for cleaning up :
Mechanically recover the product. Shoved into suitable and closed container for disposal. Wash non-recoverable remainder with large amounts of water.

Other information :
Dispose not drink, eat or smoke in the workplace. Always wash hands after handling the product.

6.4. Reference to other sections

Concerning disposal elimination after leaning, see section 13.

SECTION 7: Handling and storage

7.1. Precaution for safe handling

Precautions for safe handling :
Use proper material handling equipment to avoid accidental breakage. Ensure product is handled with proper PPE to avoid lacerations. Stand out of the danger zone when moving glass.
Extraction to remove dust at its source. Do not breathe dust. Avoid contact with skin and eyes.
Ensure good ventilation of work station. Do not handle until all safety precautions have been read and understood. Avoid creating or spreading dust. Routine housekeeping should be instituted to ensure that dusts do not accumulation surfaces.

Hygiene measures :
Do not drink eat or smoke in the workplace. Always wash hands after handling the product

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7.2. Condition for sale storage, including any incompatibilities

Storage conditions :
Secure glass against breaking, falling, impact and vibrations
Store in dry, cool, well ventilated area. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The greatest risk in the handling and storage of glass is through laceration. Product may have sharp edges. Improper handling may cause lacerations. Glass products in their normal state do not present an inhalation or ingestion hazard. Fabrication operations such as cutting, grinding, seaming, edging or breaking may result in the release of airborne dust which may present a health hazard: Irritation of eyes, nose, and throat when exposed to dust. Appropriate precautions to prevent the risk of this should be taken dust mask (P3), eye protection, gloves, foot protection, head protection if handling above head height, etc. In case of Ingestion, risks are burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Appropriate precaution is to wear a dust mask during the Fabrication operations.

8.2. Appropriate engineering control

No additional information available

8.3. Individual protection measures/Personal protective equipment

Hand protection	: Anti-lacerative gloves recommended
Eye protection	: Goggles or face shield
Skin and body protection	: Protective clothes
Respiratory protection	: Dust mask (P3)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Color	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: Not applicable
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available

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Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: No data available
Explosive limit	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk

10.2. Chemical stability

Stable in use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None to our knowledge.

10.5. incompatible materials

None to our knowledge.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Not applicable as product is considered as an article according to the definition of the EU Reach Regulation. "Articles" are subject to art. 7 and 33 of that regulation.

For more information : <https://echa.europa.eu/regulations/reach/understanding-reach>

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SECTION 12: Ecological information

12.1. Reactivity

Ecology – general

:

This product does not present any particular risk for the environment

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. disposal methods

Waste treatment methods : Not considered a hazardous waste. Dispose of in accordance with relevant local regulations.

Recycle wherever appropriate facilities exist.

SECTION 14: Transport information

Transportation of Dangerous goods : Not applicable

Transport by sea : Not applicable

Air transport : Not applicable

SECTION 15: Regulatory information

15.1. EU Regulation

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15.2. International regulations

No additional information available

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SECTION 16: Other information

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Data Sources

SDS of suppliers.

ECHA – European Chemicals Agency.

NITE – National Institute of Technology and Evaluation

NFPA Health hazard

1 – Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard

0 – Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity

0 – Material that in themselves are normally stable, even under fire conditions.

Hazard Rating

Health : 1 Slight Hazard – Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard – Materials that will not burn

Physical : 0 Minimal Hazard – Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal protection: B – Safety glasses, Gloves

SDS US

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should be not therefore be construed as guaranteeing any specific property of the product.

