

MATERIAL SAFETY DATA SHEET — 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier bomma cullet		[WHMIS Classification]	
Product Use Brilliant, clear, longworking studio crystal glass for the professional and the novice			
Manufacturer's Name BOHEMIA MACHINE s.r.o.		Supplier's Name BOHEMIA MACHINE s.r.o.	
Address Zámecká 1177 58291 Světlá nad Sázavou Czech Republic		Address Zámecká 1177 58291 Světlá nad Sázavou Czech Republic	
E-mail info@bomma.cz	Emergency Telephone +420 569 453 149	E-mail info@bomma.cz	Emergency Telephone +420 569 453 149
Date MSDS Prepared March 20 th , 2019	MSDS Prepared By Manufacturer's technical department		Phone Number +420 602 487 576

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

Crystal Glass Mixture. Main Constituents see table. All ingredients bonded by vitrification. **Without Hazardous Ingredients.**

Listed are known approximations

Ingredients (<i>specific</i>)	Approx. in %	Ingredients (<i>specific</i>)	Approx. in %
SiO ₂	65 – 75	BaO	3 - 5
Na ₂ O	5 – 15	ZnO	1 - 3
K ₂ O	5 – 15	Al ₂ O ₃	1 <
Li ₂ O	1 <	MgO	1 <
CaO	5 – 15	Sb ₂ O ₃	0,5 <

WHMIS Symbols]

SECTION 3 — HAZARDS IDENTIFICATION

In solid form this material is not hazardous if used for the intended purpose.

SECTION 4 — FIRST AID MEASURES

Skin Contact : It is possible for broken studio glass pieces to cause minor cuts or laceration. In case of cuts apply a plaster or dressing.

Eye Contact : Immediate transport to ophthalmologist or ophthalmic clinic.

Inhalation: **Not relevant In solid product form.** In dust form while handling the material and inhalative exposure occurs supply fresh air and call for a doctor.

Ingestion: **Not relevant**

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SECTION 5 — FIRE FIGHTING MEASURES

Flammable <input type="checkbox"/>	<input type="checkbox"/> No	If yes, under which conditions?	
Means of Extinction – Not applicable			
Flashpoint (° C) and Method - Noninflammable	Upper Flammable Limit (% by volume)	Lower Flammable Limit (% by volume)	
Autoignition Temperature (°C)	Explosion Data — Sensitivity to Impact Not applicable	Explosion Data — Sensitivity to Static Discharge Not applicable	
Hazardous Combustion Products – No specific hazards known			
Leak and Spill Procedures – Not relevant			

Personal precautions, protective equipment and emergency procedures: Wear protective clothing.
Environmental precautions: No special measures required
Methods and material for containment and cleaning up: Pick up mechanically.
[NFPA]

SECTION 6 — ACCIDENTAL RELEASE MEASURES

SECTION 7 — HANDLING AND STORAGE

Handling Procedures: -

No special precautions are necessary if used correctly. Avoid dust formation. Vacuum.

Storage Requirements: -

Recommended storage in dry locations. Humidity does not affect product but can influence cardboard packaging

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits <input type="checkbox"/> ACGIH TLV <input type="checkbox"/> OSHA PEL <input type="checkbox"/> Other (<i>specify</i>)
Specific Engineering Controls (<i>such as ventilation, enclosed process</i>)

Personal Protective Equipment <input type="checkbox"/> Gloves <input type="checkbox"/> Respirator <input type="checkbox"/> Eye <input type="checkbox"/> Footwear <input type="checkbox"/> Clothing <input type="checkbox"/> Other
If checked, please specify type Personal protection: do not eat, drink or smoke while working Respiratory protection: dusk mask, particle filter
Hand protection: suitable protective gloves Eye protection: goggles which can be lightly sealed

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Physical State – glass mixture melted from shards Form: - studio crystal glass ornamental decorative lens	Odour and Appearance – colorless	Odour Threshold (ppm) - odorless
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Specific Gravity	Vapour Density (air = 1)	Vapour Pressure (mmHg)
Evaporation Rate	Boiling Point (° C) - undetermined	Freezing Point (° C) - undetermined
pH	Coefficient of Water/Oil Distribution	[Solubility in Water]

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability - Yes	If no, under which conditions?
Incompatibility with Other Substances) No relevant information available	If yes, which ones?

Reactivity, and under what conditions? **No relevant information available**

Hazardous Decomposition Products – **no dangerous decomposition products known**

SECTION 11 — TOXICOLOGICAL INFORMATION

Effects of Acute Exposure

No toxicity data are available for the product itself.

Effects of chronic exposure

No toxicity data are available for the product itself.

Irritancy of Product – No irritant effect	
Skin sensitization – No irritant effect	Respiratory sensitization – No sensitizing effects known
Carcinogenicity-IARC – No data available	Carcinogenicity – ACGIH - No data available
Reproductive toxicity – No information available	Teratogenicity – No data available
Embrototoxicity – No data available	Mutagenicity – No data available
Name of synergistic products/effects – Not known	

SECTION 12 — ECOLOGICAL INFORMATION

[Aquatic Toxicity] – **Mixture and products have no hazardous effect on air and water.**
Persistence and degradability: - **Not pertinent – inorganic product**

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal – **Disposal according to instructions of local authorities**

SECTION 14 — TRANSPORT INFORMATION

Not a hazardous material according to transport regulations for roads (ADR), by rail (RID), by ship (IMDG and air (ICAO/IATA

SECTION 15 — REGULATORY INFORMATION - None



[WHMIS Classification]	[OSHA]
[SERA]	[TSCA]

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

SECTION 16 — OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is manufactured and delivered. It is intended to describe our products from the point of safety requirements and is not intended to guarantee any particular properties.

For additional information, please contact Bohemia Machine s.r.o. – see Section 1.