



**BJM-001**  
**Biji Sculpting Media**  
**Safety Data Sheet**

According to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Revision Date: 27-05-2022

Reason for Revision: Review Only

**Section 1: Chemical Product and Company Identification**

**Product Name:** Biji Sculpting Media

**Application:** Commercial Product

**Product Code:** BJM-001

**Contact Information:**

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**Section 2: Hazard Identification**

**Hazard Classification:** NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

**Potential Chronic Health Effects:** CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to lungs, upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage.

**Section 3: Composition and Information on Ingredients**

Name	CAS	Proportion by Weight (%)
Calcium sulphate	13397-24-5	80-90
Magnesium oxide	1309-48-4	5-15
Potassium sulphate	7778-80-5	1-5

**Section 4: First Aid Measures**

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

**Skin Contact:** After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention.

**Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

**Inhalation:** Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Not available.

**Ingestion:** Loosen tight clothing such as a collar, tie, belt, or waistband. Give water to drink. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**Serious Ingestion:** Not available.

### ***Section 5: Fire and Explosion Data***

**Flammability of the Product:** Not flammable.

**Auto-Ignition Temperature:** Not applicable.

**Flash Points:** Not applicable.

**Flammable Limits:** Not applicable.

**Products of Combustion:** Not applicable

**Fire Hazards in Presence of Various Substances:** Not applicable.

**Explosion Hazards in Presence of Various Substances:** Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:** Use extinguisher(s) suitable to fight surrounding fire. Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting.

**Special Remarks on Fire Hazards:** Under fire conditions toxic fumes may be released. Reaction or ignition can occur when in contact with interhalogens (eg bromine pentafluoride, chlorine trifluoride) and acids.

**Special Remarks on Explosion Hazards:** Not available.

### ***Section 6: Accidental Release Measures***

**Small Spill:** Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface.

**Large Spill:** Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface.

### ***Section 7: Handling and Storage***

**Precautions:** Avoid raising dust. Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed.

**Storage:** Store in a dry area. Store at room temperature. Keep container in a well-ventilated place.

## **Section 8: Exposure Controls and Personal Protection**

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

**Personal Protection in Case of Large Spill:** Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

## **Section 9: Physical and Chemical Properties**

**Physical state and appearance:** Solid powder

**Odour:** Odourless

**Taste:** Not available.

**Molecular Weight:** Not available.

**Colour:** Grey white.

**pH (1% soln/water):** Not available.

**Boiling Point:** Not available.

**Melting Point:** Not available.

**Critical Temperature:** Not available.

**Specific Gravity:** 1.25 (Water = 1)

**Vapor Pressure:** Not available.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** See solubility.

**Solubility:** Partially soluble in water.

### ***Section 10: Stability and Reactivity Data***

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Not available.

**Incompatibility with Various Substances:** Not available.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerisation:** Will not occur.

### ***Section 11: Toxicological Information***

**Routes of Entry:** Absorbed through skin. Eye contact. Inhalation. Ingestion.

**Toxicity to Animals:** Acute oral toxicity (LD50): >5000 mg/kg [Rat].

**Chronic Effects on Humans:** Inhalation of airborne dust may cause irritation to the mucous membrane and upper airways.

**Other Toxic Effects on Humans:** Hazardous in case of skin contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (permeator).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:** Not available.

### ***Section 12: Ecological Information***

**Ecological Toxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely.

**Toxicity of the Products of Biodegradation:** Not available.

**Special Remarks on the Products of Biodegradation:** Not available.

### ***Section 13: Disposal Considerations***

**Waste Disposal:** Dispose of in accordance with all local, state, and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

#### **Section 14: Transport Considerations**

**Special Provisions for Transport:** Not applicable. NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

#### **Section 15: Other Information**

**Prepared By:** dCORE Australia

**Revision Date:** 27-05-2022

**Version:** 1 Rev.1

**Important Advice:** This MSDS summaries our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact dCORE Australia.