



Safety Data Sheet

1. Identification

- **Product Name:** Volcanic Fire Micro Flakes (VFMF)
 - **Intended Use:** Coloring Agent
 - **Distributor:** Glitter Unique
 - **Address:** 1032 N. Crooks Rd. Suite M, Clawson, MI 48017 USA
 - **Contact:** Tel: 248-825-9694 | Email: MSDS@GLITTERUNIQUE.COM
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2. Hazards Identification

- **Classification:** Not classified as hazardous under GHS
 - **Label Elements:** None required
 - **Other Hazards:** None known under normal use
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3. Composition / Information on Ingredients

Component	CAS No.	Concentration (% w/w)
Titanium Dioxide	13463-67-7	20 – <30%
Silicon Dioxide	7631-86-9	20 – <30%

4. First Aid Measures

- **Inhalation:** Move to fresh air.
 - **Skin Contact:** Wash off with soap and water.
 - **Eye Contact:** Rinse with clean water. Remove contact lenses if present.
 - **Ingestion:** Rinse mouth. Drink water. Seek medical advice if discomfort occurs.
 - **Symptoms/Effects:** No known symptoms or effects under normal handling
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5. Firefighting Measures



Safety Data Sheet

- **Suitable Extinguishing Media:** Use media appropriate for surrounding fire
 - **Specific Hazards:** Product is not flammable; may release irritating vapors if exposed to fire
 - **Protective Equipment:** Firefighters should wear self-contained breathing apparatus
 - **Advice:** Contain and control vapors with water spray if needed
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6. Accidental Release Measures

- **Personal Precautions:** Avoid breathing dust
 - **Cleanup Methods:** Sweep or vacuum without generating dust. Avoid dry sweeping
 - **Environmental Precautions:** No special precautions required
 - **Reference Sections:** See Sections 7 & 13 for safe handling and disposal
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7. Handling and Storage

- **Handling:** Avoid creating dust. Use in well-ventilated areas
 - **Storage:** Keep containers tightly closed and dry
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8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

Substance	Limit	Agency
Titanium Dioxide	10–15 mg/m ³ TWA	OSHA / ACGIH
Silicon Dioxide	6 mg/m ³ TWA	NIOSH
General Dust	5–15 mg/m ³ TWA	OSHA Z-3

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety glasses
- **Respiratory Protection:** Use dust mask or respirator if airborne concentrations exceed limits



Safety Data Sheet

- **Skin Protection:** Gloves recommended
 - **Hygiene:** Wash hands and remove contaminated clothing after use
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9. Physical and Chemical Properties

Property	Value
Appearance	White powder
Odor	Odorless
pH (100 g/L at 20°C)	8.0 – 11.0 (slurry)
Density	2.5 – 3.0 g/cm ³
Bulk Density	400 – 500 kg/m ³
Solubility in Water	Practically insoluble
Particle Size	20 – 200 µm
Flammability	Not flammable
Explosivity	Not explosive
Other Data	No data for boiling/melting point, evaporation rate, or vapor pressure

10. Stability and Reactivity

- **Stability:** Stable under normal conditions
 - **Reactivity:** No known reactivity hazards
 - **Incompatible Materials:** Not specified
 - **Hazardous Decomposition Products:** May release vapors if involved in a fire
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11. Toxicological Information

- No hazardous effects expected under normal use
 - Not classified as irritating, sensitizing, or harmful by contact or inhalation
 - Titanium dioxide is listed by IARC as **Group 2B** (possibly carcinogenic via inhalation of dust in industrial settings). Not applicable to typical cosmetic use
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Safety Data Sheet

12. Ecological Information

- **General:** No known adverse environmental effects under recommended use
 - **Bioaccumulation:** Not expected
 - **Biodegradability:** Inapplicable (inorganic)
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13. Disposal Considerations

- **Waste Disposal:** Dispose in accordance with local, regional, national regulations
 - **Packaging:** Reuse or recycle where possible; otherwise, dispose per product guidelines
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14. Transport Information

- **UN Number:** Not applicable
 - **Transport Hazard Class:** Not regulated
 - **Packaging Group:** Not applicable
 - **Environmental Hazards:** None known
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15. Regulatory Information

- **TSCA (USA):** Exempt (regulated under FDA for cosmetic use)
 - **DSL (Canada):** All components listed
 - **California Prop 65:**
 - ⚠️ Titanium Dioxide is listed as a **carcinogen when airborne in unbound, respirable form only**
 - **SARA, Clean Air/Water Act, and other US regulatory listings:** Not applicable
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16. Other Information



Safety Data Sheet

Disclaimer:

This SDS reflects the best knowledge available at the time of issue. It does not constitute a warranty for product properties or quality.