

## 1. Identification

Product Identifier: **Matte Finish Powder**  
 Product Code(s): RMSMFP1  
 Use: Flattens the Finish of Resins and Silicone Ink. For Industrial/Professional use only.  
 Manufacturer: Raw Material Suppliers  
 872 Towne Center Drive, Pomona, CA 91767  
 Phone Number: +1-909-621-5871 (8 a.m. to 4p.m. PST)  
 Emergency Phone: CHEMTREC 800-424-9300 or  
 +1 (703) 527-3887  
 E-mail: support@rawmaterialsuppliers.com

## 2. Hazards Identification

**GHS Classification:** Not hazardous per 29 CFR 1910.1200.

**Label Elements:** No GHS label required.

**Supplemental Information:** None

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Expanded (Aluminum Silicate)	93763-70-3	Up to 100
Crystalline Silica (Quartz & Cristobalite-Nonrespirable SiO <sub>2</sub> )	14808-60-7 14464-46-1	<1

**Hazardous Components** These products may contain traces of naturally occurring Respirable Crystalline Silica (CAS #'s 14808-60-7 and/or 1446446-1) at concentration levels below the HazCom 2012 and GHS Revision 3 hazard classification limits for reporting. Internationally recognized and validated test methods have shown that these component ingredients are present, but are not at reportable or biologically significant levels. Thus, in the current and anticipated future physical state of these products, they are believed to be incapable of causing harm under normal conditions of use or as a result of extreme upset.

**Additional Information** Per XRC analysis, which combines the analytical capabilities of X-Ray Diffraction, Computer Controlled Scanning Electron Microscopy/Energy Dispersive Spectroscopy and Raman Spectroscopy to conduct particle-by-particle inter-instrumental relocation and physicochemical/mineralogical analysis - naturally occurring trace level substances in these products, including Respirable Crystalline Silica are inextricably bound, environmentally unavailable and at trace level concentrations. As a result, while these compounds are reported, they are also excluded from hazard classification.

## 4. First-Aid Measures

### Description of First Aid Measures

**Inhalation:** If adverse effects occur, remove to uncontaminated area. If not breathing, give artificial respiration or oxygen by qualified personnel. Seek immediate medical attention

**Skin Contact:** Use good hygiene practices including washing of skin with soap and water. If irritation occurs, seek medical attention

**Eye Contact:** In case of eye contact, flush eyes with water. Do not rub affected areas. If necessary, seek medical attention.

**Ingestion:** If a large amount is swallowed, get medical attention

**Most Important Symptoms/Effects, Acute and Delayed:** None;

generated dust may result in irritation.

**Indication of any Immediate Medical Attention and Special**

**Treatment Needed:** Treat symptomatically. Seek medical care if large quantities have been ingested or inhaled.

## 5. Fire-Fighting Measures

**Extinguishing Media:** These products are not flammable. Use fire extinguishing media appropriate for surrounding materials

**Special Hazards:** Arising from the Substance or Mixture Hazardous combustion products do not occur.

**Explosion Data:** Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

**Advice for Firefighters:** No specific fire-fighting procedures are needed

## 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency

**Procedures:** Follow precautions for safe handling as described in this Safety Data Sheet.

**Environmental Precautions:** Products are naturally occurring nonhazardous minerals. Handle wastes in accordance with Federal, State, and Local regulations.

**Methods and Material for Containment and Cleaning Up:** Avoid excessive and ongoing dust formation.

**Reference to Other Sections:** For personal protection see section 8. For waste disposal see section 13.

## 7. Handling and Storage

**Precautions for Safe Handling:** Wear personal protective equipment in accordance with those recommendations provided in Section 8. Use good hygiene practices and wash hands and face before eating, drinking or conducting personal hygiene. Reduce contamination from clothing and protective equipment before entering eating areas.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in accordance with local regulations

## 8. Exposure Controls/Personal Protection

### Exposure Limits:

OSHA (PEL): 15 mg/m<sup>3</sup> (TWA, total particulates, not otherwise regulated) 5 mg/m<sup>3</sup> (TWA, respirable particulates, not otherwise regulated)

ACGIH (TLV): 10 mg/m<sup>3</sup> (TWA, inhalable particulates, not otherwise regulated) 3 mg/m<sup>3</sup> (TWA, respirable particulates, not otherwise regulated)

**Engineering Controls:** Keep working area clean and free of dust. Observe occupational exposure limits and provide local ventilation as necessary to control dust inhalation.

**Respiratory Protection:** No specific recommendation made, but respiratory protection must be used where general dust levels exceed occupational exposure limits. If needed, wear appropriate protection in high dust conditions and affected work areas.

**Eye/Face Protection:** Wear eye protection where there is danger of eye contact. Provide eyewash station.

**Skin and Body Protection:** No specific protection noted, but gloves and coveralls may be used. Wash hands at the end of each work shift and before eating, smoking and personal hygiene.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

**Physical state:** Granular Solid.

**Powder Color:** White to Off-White (ore has black tones)

**Melting point:** >1037.7°C / 1900°F

**Odor:** Odorless

**pH:** 5-10 Neutral (10% Solution in Water)

**Specific Gravity:** 2.2 – 2.4 (water =1)

**Granulometry:** Varies (generally in the range 10µm – 6mm)

**Flash Point:** Not Flammable (Inorganic Solid)  
**Combustibility:** Not Combustible (Inorganic Solid)  
**Water Solubility:** Negligible, but miscible  
**Explosive Properties:** Not Applicable  
**Oxidizing Properties:** Not Applicable  
**VOC % Content:** None, as produced

## 10. Stability and Reactivity

**Reactivity:** Stable under normal temperature conditions.  
**Chemical Stability:** These products are stable.  
**Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.  
**Conditions to Avoid:** Avoid contact with hydrofluoric acid.  
**Incompatible Materials** Hydrofluoric Acid  
**Hazardous Decomposition Products:** Hazardous decomposition products should not be produced under normal conditions of storage and use. In the presence of hydrofluoric acid, silicon tetrafluoride gas may form.

## 11. Toxicological Information

**Information on Toxicological Effects:** Other health effects. These substances have shown no evidence of adverse health effects under normal conditions of use or in extreme upset environments.  
**Acute Toxicity:**  
Acute toxicity (Oral LD<sub>50</sub>): Not relevant  
Acute toxicity (Dermal LD<sub>50</sub>): Not relevant  
Acute toxicity (Inhalation LC<sub>50</sub>): Not relevant  
**Inhalation:** Dust in high concentrations may irritate the respiratory system  
**Ingestion:** May cause discomfort if swallowed  
**Skin Contact:** Powder may irritate skin  
**Eye Contact:** Particles in the eyes may cause irritation

## 12. Ecological Information

**Ecotoxicity:** Not regarded as dangerous for the environment.  
**Acute Fish Toxicity:** Not considered toxic to fish.  
**Persistence and Degradability:** These products are not readily biodegradable.  
**Bioaccumulative Potential:** These products are not bioaccumulating.  
**Mobility in Soil:** Not relevant, due to the form of the products.  
**Results of PBT and vPvB Assessment:** These products do not contain any PBT or vPvB substances.  
**Other Adverse Effects:** None. This product represent a heat processed inorganic, inert material that does not constitute any known health hazards and is non-combustible.

## 13. Disposal Considerations

**Waste Treatment Methods:**  
**Product:** Dispose of waste and residues in accordance with Federal, State and Local regulations. This product is not considered a hazardous waste under RCRA (40 CFR Part 261).  
**Contaminated Packaging:** Dispose of in accordance with Federal, State, and Local regulations.

## 14. Transport Information

**DOT Proper Shipping Name:** Matte Finish Powder, Expanded Class 55 No restrictions.  
Road transport notes: Not classified  
Rail transport notes: Not classified

Sea transport notes: Not classified  
Air transport notes: Not classified  
**UN Number:** These products are not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)  
**UN Proper Shipping Name:** Not classified for transportation  
**Transport and Hazard Class(s):** Not classified for transportation  
**Packing Group:** Not classified for transportation  
**Environmental Hazards:** Not an environmentally hazardous substance /marine pollutant.  
**Special Precautions for User:** Not classified for transportation.  
**Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code:** Not applicable  
**Emergency Shipping Information:** Call CHEMTREC, 800-424-9300 or +1-703-527-3887

## 15. Regulatory Information

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
**SARA 313 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.  
**SARA 311/312 Hazards:** Regulated per OSHA HAZCOM Standards.  
**California Proposition 65 Components:** These products do not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm at levels above the "safe harbor" designation. Trace component concentrations are so low that they create no significant exposure risk of cancer, birth defects or other reproductive harm.  
**Other State Right to Know Components:** No investigation of State and Local requirements was performed. For details on these regulatory requirements, contact the appropriate agencies within your region.  
**RCRA:** Not classified as hazardous waste under CFR 40 261.  
**TSCA:** Material is listed in the TSCA inventory and not otherwise regulated.  
**CERCLA:** The material as supplied does not contain any substances regulated as hazardous.

## 16. Other Information

**Full Text of H-Statements Referred to Under Sections 2 and 3:** Not applicable  
**HMIS Rating:** Health hazard: 0  
Chronic Health Hazard: 0  
Flammability: 0  
Physical Hazard 0  
**NFPA Rating:** Health hazard: 0  
Fire Hazard: 0  
Reactivity Hazard: 0

**SDS Revision Notes:** New Format; May 31, 2018

**Disclaimer:** The information contained herein is considered accurate; however, Raw Material Suppliers makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.