

**MATERIAL SAFETY DATA SHEET**

Sparta-Chip™ Vinyl Chip Media by HP Spartacote

HP Spartacote, Inc. 810 Brickyard Circle #1 Golden, CO 80403

866-966-1329 - Fax 303-534-9242

Date Revised: January 2011

**Section 2 Hazardous Ingredients / Identity Information**

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Concentration (%)</u>
Barium Sulfate*	7727-43-7	10 PPM	10 MG/M3	70 - 85%
Titanium Dioxide*	13463-67-7			0 - 10%
Proprietary Resins*	N/E			10 - 15%
Pigment(s)*	N/A			< 3%

\*No toxic chemical(s) subject to the reporting requirements of SARA Section 313 of Title III and of CFR 372 are present.

**Section 3 Physical Characteristics:**

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	3.6
<b>Vapor Density</b>	Not volatile	<b>Appearance and Odor</b>	White/Colored; Odorless
<b>Coating V.O.C.</b>	Not volatile	<b>Melting Point</b>	N/A
<b>Material V.O.C.</b>	Not volatile	<b>Evaporation Rate</b>	N/A
<b>Solubility in Water</b>	Insoluble		

**Section 4 Fire and Explosion Data**

<b>Flash Point</b>	N/A
<b>Flammable Limits</b>	N/A
<b>Extinguishing Media</b>	N/A
<b>Special Firefighting Procedures</b>	N/A
<b>Unusual Fire and Explosion Hazards</b>	None

\* No known fire hazards present.

**Section 5 Reactivity Data**

<b>Stability</b>	Stable
<b>Conditions to Avoid</b>	Product is stable but decomposes at 600° liberating CO <sub>2</sub>
<b>Incompatibility</b>	None
<b>Hazardous Byproducts</b>	None
<b>Hazardous Polymerization</b>	Will not occur

## Section 6 Health Hazard Data

### Inhalation Health Risks and Symptoms of Exposure

Mild bronchial irritation may occur.

### Skin and Eye Contact Health Risks and Symptoms of Exposure

This substance is not expected to cause prolonged or significant skin or eye irritation.

### Skin Absorption Health Risks and Symptoms of Exposure

May cause irritation.

### Ingestion Health Risks and Symptoms of Exposure

Large quantities may cause irritation to the mouth, throat and gastrointestinal tract resulting in nausea and vomiting.

### Health Hazards (Acute and Chronic)

*Acute Effects:* Causes mechanical skin and eye irritation.

*Chronic Effects:* Heavy extended industrial exposure to the dust of this product may produce benign pneumoconiosis, termed "baritosis". Mild bronchial irritation may occur.

**Carcinogenicity:** NPT? No IARC Monographs? No OSHA Regulated? No  
Not listed with NTP, IARC or OSHA as a know or suspected carcinogen.

### Medical Conditions Generally Aggravated by Exposure

Individuals with pulmonary and/or respiratory disease or subject to eye irritation, should be precluded from exposure.

### Emergency and First Aid Procedures

Wash dust from skin with soap and water. Flush out eyes with generous amounts of water for at least 15 minutes.  
See a physician.

## Section 7: Precautions for Safe Handling and Use

### Steps to be Taken in Case Material is Released or Spilled

Do not breathe dust. Do not rely on your sight to determine if dust is in the air. Silica may be in the air without a visible dust cloud. Avoid creation of respirable dust.

### Waste Disposal Method

Dispose waste material in a sanitary land fill or as regulated by local, state and federal regulations.

### Precautions to be Taken in Handling and Storing

Avoid creation of respirable dust. Take precaution against bag breakage.

## Section 8: Control Measures

### **Respiratory Protection**

Use of dust respirator recommended when exposure limits may be exceeded.

### **Ventilation**

Local exhaust ventilation to collector or containment recommended to control dust below exposure limit.

### **Protective Gloves**

Leather or rubber gloves.

### **Other Protective Clothing or Equipment**

As appropriate in light of specific application.

### **Work/Hygenic Practices**

Good industrial hygiene practices required. Adequate ventilation and personal respiratory protection should be employed.

## Disclaimer

The information contained herein is based on the data available to us and is believed to be correct. HP Spartacote, Inc. makes no warranty expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. HP Spartacote, Inc assumes no responsibility for injury, loss or damage from the use of the product described.