

# MSDS

## DragonBoard Composition Construction Panel (November 2002)

### Material Safety Data Sheet

#### **1. Chemical Product and Company Identification**

<b>Product Name</b>	DragonBoard
<b>Chemical Family</b>	Silicates
<b>Formula</b>	Not Applicable
<b>Telephone (general information)</b>	201-938-0303
<b>Telephone (emergencies)*</b>	201-938-0303
<b>Manufacturer Name</b>	Pioneer Building Products of Taishan, Ltd.
<b>Manufacturer Address</b>	8 Dragon Hill Ind. District Danfun Taishan, Guangdong, China

\*In case of an emergency involving spills, leaks, fire exposure, or accidents related to this product call 201-938-0303

#### **2. Composition / Information on Ingredients**

INGREDIENT	CAS NO.	HAZARD CLASS	ACGIH TLV-TWA
Magnesium Oxide	1309-48-4	None	10 mg/m <sup>3</sup>
Magnesium Chloride	7786-30-3	None	10 mg/m <sup>3</sup>
Talcum Powder	14807-96-6	None	2 mg/m <sup>3</sup>

#### **3. Physical Data**

<b>Boiling Point</b>	N/A
<b>Vapor Pressure @ 20°C</b>	None
<b>Vapor Density @ 1 Atmosphere</b>	None
<b>Specific Gravity</b>	>1
<b>pH</b>	9.74
<b>Percent Volatile by Volume</b>	0
<b>Appearance</b>	White Powder
<b>Odor</b>	Non
<b>Evaporation Rate</b>	N/A
<b>Physical State</b>	Solid Powder
<b>Solubility</b>	Insoluble in Water
<b>Flash Point</b>	>140°F

#### **4. Health Hazard Data**

##### **Potential effect of a single (Acute Overexposure)**

**Eye:** May cause abrasions of the cornea.

**Skin:** May result in redness and dermatitis; prolonged exposure may cause dry skin.

**Ingestion:** Single dose oral toxicity is low.

**Inhalation:** Immediately remove victim to fresh air, if not breathing give artificial respiration, if breathing give oxygen.

**Medical Conditions Generally Aggravated by Exposure:** The condition of individuals with lung disease (e.g., bronchitis, emphysema, chronic obstructive pulmonary disease) can be aggravated by exposure.

## **5. First Aid Measures**

### **Specialized First Aid And Medical Treatment Are Required For All Exposures.**

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Seek medical aid.

**Ingestion:** Give one or two glasses of water or milk and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical aid.

**Inhalation:** Move to fresh air. Get competent medical attention immediately. If breathing has stopped start artificial respiration at once. An authorized person should administer oxygen to victim who is having difficulty breathing until the victim is able to breathe easily on his/her own.

**Notes to Physician:** Treat symptomatically.

## **6. Fire Fighting Measures**

**General Information:** This material is not flammable, combustible or explosive.

**Extinguishing Media:** Not applicable.

## **7. Accidental Release Measures**

**Spills / Leaks:** Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep.

**Handling:** Do not breathe dust. Use adequate ventilation and dust collection. Keep airborne dust concentrations below PEL. Do not rely on your sight to determine if dust is in the air.

**Storage:** Not applicable.

## **8. Exposure Controls, Personal Protection Equipment**

### **Engineering Controls:**

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limit.

### **Personal Protective Equipment:**

**Eyes:** At a minimum, wear, safety goggles (plastic lenses) or full-face plastic shield. Do not wear contact lenses.

**Skin:** Wear appropriate protective clothing to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Use only NIOSH approved or MSHA approved equipment.

## **9. Stability and Reactivity**

**Chemical Stability:** Stable under normal temperature and pressures.

**Conditions to Avoid:** None.

**Hazardous Decomposition Products:** None.

**Hazardous Polymerization:** Will not occur.

## **10. Regulatory Information**

**RCRA D Series:** None Listed.  
**RCRA F Series:** None Listed.  
**RCRA P Series:** None Listed.  
**RCRA U Series:** None Listed.

### **HMIS & NFPA Information:**

- **Health:** 1
- **Flammability:** 0
- **Reactivity:** 0
- **Corrosivity:** 0

### **TSCA:**

- None of the chemicals in this product are on the Health and Safety List.
- Chemical Test Rules, none of the chemicals in this product are under a chemical Test Rule.

### **SARA:**

- Reportable quantity: None of the chemicals in this product have RQ amounts.
- None of the chemicals in this product have a TPQ.

### **Clean Air Act:**

- This material does not contain any hazardous air pollutants.
- This material does not contain any class 1 ozone depleters.
- This material does not contain any class 2 ozone depleters.

### **OSHA:**

- None of the chemicals in this product is considered highly hazardous by OSHA.

## **11. Toxicological Information**

The major concern is silicosis, caused by the inhalation and retention of respirable silicosis can exist in several forms, chronic (or ordinary), accelerated, or acute.

## **12. Additional Information**

The information above is believed to be accurate and represents the best information currently available to Pioneer Building Products (PBP), however, PBP makes no warranty or merchantability or any other warranty, express or implied, with respect to such information, and PBP will assume no liability resulting from its use. Users should conduct their own investigations to determine the suitability of the information for their particular purpose. In no way shall PBP be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising even if PBP has been advised of the possibility of such damages.