

**Materials Packaging Corporation  
MSDS – MATERIAL SAFETY DATA SHEET**

<b>SECTION 1 – Chemical Product and Company Identification</b>		
<b>Product Names/Trade Names:</b> All-Purpose Gravel; All-Purpose Sand; Patio Paver Sand; Plaster Sand; Play Sand; Pool Filter Sand; Traction Sand; Tube Sand; Patio Paver Limestone Base		
<b>Synonyms/Common Names:</b> Sands and Gravel		
<b>Manufacturer/Supplier Name &amp; Address</b>	<b>Emergency Phone No.</b>	<b>Date Prepared</b>
Materials Packaging Corporation 10816 Executive Center Drive, Suite 100 Little Rock, AR 72211	888-289-1117	October 2005

<b>SECTION 2 – Hazardous Ingredients/Identity Information</b>			
<u>Ingredient</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Crystalline Silica (quartz; Respirable)	14808-60-7	10±%SiO <sub>2</sub> + 2	0.05 mg/m <sup>3</sup>
Limestone (calcium carbonate) Total Dust	14808-60-7	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Limestone (calcium carbonate) Respirable Dust	14808-60-7	5 mg/m <sup>3</sup>	N/A

Contains greater than 0.1% of crystalline silica (quartz). **DO NOT USE FOR SAND BLASTING.**

<b>SECTION 3 – Physical/Chemical Characteristics</b>			
Boiling Point:	None	Specific Gravity (H <sub>2</sub> O = 1):	> 2.5 – 2.7
Vapor Pressure:	None		
Evaporation Rate:	None		
Appearance/Odor:	Light brown to tan; no odor		

<b>Section 4 – Fire and Explosion Data</b>							
Flash Point and Method:	Not Applicable	Special Fire Fighting Procedures:	N/A				
Autoignition Temperature:	N/A	Unusual Fire and Explosion Hazards:	N/A				
Flammability Limits in Air:	<table border="1"> <tr> <td><u>LEL:</u></td> <td><u>UEL:</u></td> </tr> <tr> <td>N/A</td> <td>N/A</td> </tr> </table>	<u>LEL:</u>	<u>UEL:</u>	N/A	N/A	Hazardous Decomposition Products:	None from product; if packaging material burns, it may emit carbon monoxide and other byproducts of combustion.
<u>LEL:</u>	<u>UEL:</u>						
N/A	N/A						
Extinguishing Media:	Use extinguishing agent suitable for surrounding fire and structures						

<b>Section 5 – Reactivity Data</b>	
Stability:	The product is stable.
Incompatibility:	Contact with powerful oxidizing agents such as hydrofluoric acid, fluorine, chlorine trifluoride, manganese trioxide, oxygen difluoride may cause fires or release toxic gases.
Hazardous Polymerization:	Will not occur.
Conditions to avoid:	Contact with strong oxidizing agents.

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<b>SECTION 6 – Health Hazard Information</b>	
Acute and Chronic Effects:	Breathing crystalline silica (quartz) can result in severe and permanent lung damage, including silicosis; silicosis increases the risk of tuberculosis. Crystalline silica inhaled from occupational sources is classified as carcinogenic to humans. Other non-cancer health effects from silica have been reported.
Carcinogenicity: Crystalline Silica:	IARC: Yes NTP: Yes OSHA: No
Emergency and First Aid Procedures:	<b>Eyes:</b> Immediately flush eyes with large quantities of water. Contact Physician. <b>Skin:</b> Wash from skin with clean water and soap. <b>Inhalation:</b> Remove to fresh air. Seek medical attention if coughing and other symptoms do not subside. <b>Ingestion:</b> Not expected to be a route of exposure.

<b>SECTION 7 – Precautions for Safe Handling and Use</b>	
Spill or Release:	Pick up and place in closed container. Avoid generating dust; do not dry sweep. Wear protective equipment specified below.
Waste Disposal Methods:	Dispose of waste material in accordance with Federal, State and local requirements. The packaging and material may be land filled; however, material should be in a closed container to lessen the possibility of airborne dust. This product is not classified as a hazardous substance under RCRA or CERCLA.
Handling and Storing:	Containers are heavy; use mechanical assists and/or safe lifting practices. To minimize dust generation, use product while it is in a damp condition. There are no special storage requirements.

<b>SECTION 8 – Control Measures/ Personal Protective Equipment</b>	
Respiratory Protection:	DO NOT BREATHE DUST. Use NIOSH/MSHA-approved (under 30 CFR 11) or NIOSH-approved (under 42 CFR 84) respirators in poorly ventilated areas, if an applicable exposure limit is exceeded, or when dust causes discomfort or irritation.
Ventilation:	Avoid actions that cause dust to become airborne. Use local or general ventilation to control exposures below applicable exposure limits.
Eye Protection:	Wear tight fitting goggles.
Skin Protection:	Wear leather or cotton gloves.

<b>Section 9 – Other Important Information</b>
<p><b>SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY MATERIALS PACKAGING CORPORATION</b>, except that the product shall conform to contracted specifications. The information provided herein was believed by Seller to be accurate at the time of preparation or prepared by sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe use and handling of product and to determine the suitability of the product for its intended use.</p>