

MATERIAL SAFETY DATA SHEET

THIS DOCUMENT REPRESENTS A MODIFICATION OF A
U. S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
NON-MANDATORY FORM

SECTION I - MANUFACTURER IDENTIFICATION

Manufacturer (Producer/Processor): *IMCO*
Address: *7268 Frasinetti Road*
Sacramento, CA. 95828
Telephone: *(916) 383-2811 FAX: (916) 383-8741*
Product Name: **CHINA SAND**

Date: *October 1, 2002***SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION**

Component	Chemical Formula	Common Name	Threshold Limit Value Respirable Dust	%	CAS #
Free Silica (Quartz)	SiO ₂	Silica	ACGIH: 0.1 mg/m ³	50 - 80	14808-60-7

Note:

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (mm Hg):	<i>N/A</i>	Specific Gravity (1120 = 1):	<i>2.5</i>
Vapor Pressure	<i>N/A</i>	Melting Point:	<i>Not Available</i>
Vapor Density (Air = 1)	<i>N/A</i>	Evaporation Rate: (Butyl Acetate=1)	<i>N/A</i>
Solubility in Water:	<i>N/A</i>		

Appearance and Color: *White powder***SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA**

Flash Point:	<i>Not Flammable</i>	Flammable Limits:	<i>Not Flammable</i>
Extinguish Media:	<i>N/A</i>		
Special Fires Fighting Procedures:	<i>N/A</i>		
Unusual Fire and Explosion Hazards:	<i>None</i>		

SECTION V - REACTIVITY DATA

Stability:	<i>Stable</i>	Conditions to Avoid :	<i>None</i>
Incompatibility:	<i>None</i>	Material to Avoid:	<i>None</i>
Hazardous Decomposition or By products:	<i>None</i>		
Hazard Polymerization:	<i>Will not Occur</i>	Conditions to Avoid:	<i>None</i>

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	<i>Inhalation</i>
Health Hazards (Acute and Chronic):	
Eye	May cause irritation.
Ingestion	N/A
Skin	May cause irritation.
Inhalation	Contains crystalline silica which may cause delayed respiratory disease (silicosis) if inhaled over a prolonged period of time.
Carcinogenicity:	<i>IARC Monographs</i> Volume 68, 1997 concludes that there is sufficient evidence that inhaling crystalline silica causes cancer in humans. Crystalline silica is known to the State of California to cause cancer.
Signs & Symptoms Exposure:	
Medical Conditions Aggravated (Exposure):	<i>Respiratory system conditions.</i>
Emergency & First Aid:	
Eye	<i>Flush with plenty of water for 15 minutes, if irritation persists, see a physician.</i>
Ingestion	N/A
Skin	<i>Wash with mild soap and water.</i>
Inhalation	<i>Remove to fresh air. If irritation persists see a doctor.</i>

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Material released or spilled:	<i>Sweep up spill after wetting to avoid dust generation.</i>
Waste disposal Method:	<i>Dispose in closed containers at an approved landfill, in accordance with all federal, state and local laws..</i>
Precaution in Handling & Storing:	<i>Keep in closed containers. Avoid creation of dust; use ventilation and exhaust equipment as required to abate dust in the work place.</i>

SECTION VIII - CONTROL MEASURES

Respiratory Protection:	<i>NIOSH approved dust mask (Wear 3M 7810 Dust Mask).</i>
Ventilation:	<i>Sufficient of maintain OSHA PEL.</i>
Protection Gloves:	<i>Appropriate to activity performed.</i>
Eye Protection:	<i>Recommended</i>
Other Protective Clothing or Equipment:	<i>Safety showers and eye washes.</i>
Work/Hygienic Practices:	<i>Brush clothing in natural ventilation; replace dust mask regularly. Good house keeping to minimize dust.</i>