

MATERIAL SAFETY DATA SHEET

EPOXY.COM SILICA SAND

PRODUCT NAME: Silica Sand
PRODUCT CODE: 77

HMS CODES: H F R P
1 0 0 E

SECTION 1: MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Epoxy Systems, Inc.
ADDRESS: 20774 West Pennsylvania Ave
Dunnellon, FL 34431

EMERGENCY NUMBER: 1-800-633-8253
INFORMATION NUMBER: 1-352-489-1666

DATE PRINTED: 08/11/08
NAME OF PREPARER: Kate Fontaine

SECTION 2: INGREDIENTS

ITEM	CAS NUMBER	OSHA-PEL	ACGIH-TLV
Silica Sand	14808-60-7	0.1 mg/m ³	0.1 mg/m ³

Substances listed are present in concentration of 1% or greater, or if 0.01% if cited as a potential carcinogen in the OSHA hazards communication standard. Where proprietary ingredient is listed, the identity is available as provided in 29 CFR 1910.1200.

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 2230° C
MELTING POINT : 1710° C
VAPOR DENSITY : N/A
VAPOR PRESSURE : 10 mm A 1730° C
SOLUBILITY IN WATER : Insoluble
APPEARANCE AND ODOR : Grainy odorless solid
SPECIFIC GRAVITY (H2O=1) : 2.65
EVAPORATION RATE : None

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Does not Flash

EXTINGUISHING MEDIA: Non combustible. May be used to extinguish fires.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION 5: REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): ClF₃, MnF₃, OF₂

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARD DATA

SYMPTOMS OF EXPOSURE:

EYES: Eye irritation

SKIN: Not likely to occur

INHALATION: Shortness of breath, coughing, reduced pulmonary function. PROLONGED INHALATION OF RESPIRABLE SILICA WILL RESULT IN PERMANENT LUNG DAMAGE, SILICOSIS.

INGESTION: May cause gastrointestinal discomfort.

FIRST AID PROCEDURES:

EYES: Wash with water for at least 15 minutes. If irritation or redness persists, see a physician.

SKIN: Wash with soap and water. If irritation persists, see a physician.

INGESTION: Give one or two glasses of water. If discomfort persists, see a physician.

INHALATION: Remove to fresh air at once. Apply artificial respiration if in breathing difficulties.

CARCINOGENICITY: **NTP CARCINOGEN:** Yes **IARC MONOGRAPHS:** Yes **OSHA REGULATED:** No

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up using approved dustless methods (water or vacuum) to minimize generation of respirable silica particles.

WASTE DISPOSAL METHOD: Dispose of in a facility approved for silica.

OTHER HANDLING AND STORAGE REQUIREMENTS: Clean up spills promptly. Do not engage in activities that will generate respirable silica particles. Avoid generating dust. There are no special storage requirements.

SECTION 8: CONTROL MEASURES

VENTILATION: Local mechanical to reduce respirable silica to below safe levels.

RESPIRATORY PROTECTION: Use NIOSH approved equipment. Positive pressure supplied-air type recommended.

PROTECTIVE CLOTHING: Use safety glasses.

OTHER PROTECTIVE EQUIPMENT: Eye wash fountain and safety shower should be available in the work area.

SECTION 9: REGULATORY INFORMATION

D. O. T. PROPER SHIPPING NAME: Sand

PROPER SHIPPING NAME:

HAZARD CLASS: Non hazardous

UN/NA ID NUMBER:

SECTION 10: DISCLAIMER

Data and recommendations presented herein are based upon our and other researchers and are believed to be accurate. The products discussed are distributed without warranty (expressed or implied) and the customer shall make his own determination of suitability for his particular purpose.