



**CHEMSORB®**

**UNIVERSAL SORBENT**



**Compliance Safety, Inc.**  
Work Safe, Work Smart, Work With Confidence

**MATERIAL SAFETY DATA SHEET**

UPDATED: 9/01/04

**I. PRODUCT IDENTIFICATION: CHEMSORB® UNIVERSAL SORBENT**

**MANUFACTURED BY:** COMPLIANCE SAFETY, INC.  
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**II. PRODUCT INGREDIENTS / IDENTITY INFORMATION**

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>PEL AND TLV</u>
EXPANDED AMORPHOUS SILICATE	93763-70-3	100%	15 mg/m3 TOTAL DUST - OSHA 5 mg/m3 RESPIRABLE DUST - OSHA 10 mg/m3 TOTAL DUST - ACGIH
THIS PRODUCT MAY CONTAIN CRYSTALLINE SILICA: QUARTZ (TYPICAL ANALYSIS)	14808-60-7	< 0.1% (trace)	0.1 mg/m3 RESPIRABLE QUARTZ OSHA & ACGIH TLV

**III. PHYSICAL / CHEMICAL CHARACTERISTICS**

**APPEARANCE & ODOR** Dry White Powder or Aggregate / No Odor

<b>SPECIFIC GRAVITY</b> (H2O=1):	2.35	<b>BOILING POINT:</b>	N/A
<b>MELTING POINT:</b>	1600-2000° F	<b>VAPOR PRESSURE:</b>	N/A
<b>WATER SOLUBILITY</b> (%):	Negligible	<b>VAPOR DENSITY (AIR=1):</b>	N/A
<b>% VOLATILES BY VOLUME:</b>	None	<b>EVAPORATION RATE:</b>	N/A

**IV. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** NONFLAMMABLE  
**FLAMMABLE LIMITS:** LEL - N/A % UEL - N/A %  
**EXTINGUISHING MEDIA** N/A  
**SPECIAL FIRE FIGHTING PROCEDURES** NONE  
**UNUSUAL FIRE & EXPLOSION HAZARD** NONE

**V. REACTIVITY DATA**

**STABILITY:** STABLE  
**CONDITIONS TO AVOID:** NONE IN DESIGNED USE.  
**INCOMPATIBILITY:** HYDROFLUORIC ACID AND HYDRAZINE  
**HAZARDOUS POLYMERIZATION:** CANNOT OCCUR  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** MAY REACT WITH HYDROFLUORIC ACID AND HYDRAZINE TO FORM A TOXIC GAS. HEAT IS GENERATED (150-175°F) UPON ABSORPTION OF HYDRAZINE.

**VI. HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY:**                      **INHALATION? - YES**                      **SKIN? - NO**                      **INGESTION? - NO**  
**HEALTH HAZARDS:** ACUTE - Upper Respiratory Irritant, Excessive Inhalation of Any Dust May Overload Lungs  
 CHRONIC: None Known  
**SIGNS & SYMPTOMS OF EXPOSURE:** Upper Respiratory and Eye Irritation  
**CARCINOGENICITY:** NTP? - NO                      IARC Monographs? - NO                      OSHA Regulations? - NO  
**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-Existing Upper Respiratory and Lung Diseases  
**EMERGENCY & FIRST AID PROCEDURES:**  
 EYE CONTACT - RINSE THOROUGHLY WITH WATER  
 INHALATION - REMOVE TO FRESH AIR

**VII. SPILL OR LEAK PROCEDURES**

**PROCEDURES FOR SPILL / LEAK:** VACUUM CLEAN OR SWEEP UP USING A DUST SUPPRESSANT SUCH AS WATER. UNCONTAMINATED CHEMSORB ® MAY BE RE-USED

**WASTE MANAGEMENT:** NON-HAZARDOUS AS DEFINED BY RCRA (40 CFR part 261)  
METHOD OF DISPOSAL - LANDFILL, INCINERATION, LAND BASED REMEDIATION  
REPORTABLE QUANTITY - N/A

ALWAYS DISPOSE OF ANY MATERIAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS

**VIII. SPECIAL PROTECTION INFORMATION**

**EYE PROTECTION:** GOGGLES OR SAFETY GLASSES ARE RECOMMENDED

**GLOVES:** NOT NORMALLY REQUIRED

**RESPIRATOR:** MSHA/NIOSH APPROVED RESPIRATOR

**VENTILATION:** Local Exhaust Ventilation May Be Required to Keep Dust Concentrations Below PEL/TLV

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NONE

**IX. SPECIAL PRECAUTIONS**

**STORAGE SEGREGATION HAZARD CLASSES:** N/A

**SPECIAL HANDLING / STORAGE:** REPAIR BROKEN PILLOWS AND SOCKS IMMEDIATELY; AVOID CREATING DUST

**SPECIAL WORKPLACE ENGINEERING CONTROLS:** NOT NORMALLY REQUIRED

CHEMSORB ® IS A NATURALLY OCCURRING SUBSTANCE AND IS THEREFORE INCLUDED, BUT NOT INDIVIDUALLY LISTED, IN THE TSCA INVENTORY

**HMIS RATINGS:** 0 = MINIMAL HAZARD      E = DUST RESPIRATOR

H	0
HEALTH	
F	0
FLAMMABILITY	
R	0
REACTIVITY	
PERSONAL PROTECTION	E
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