



NFPA FIRE HAZARD SYMBOL  
see NFPA 704 for detailed explanation

# CHEMSORB® UNIVERSAL SORBENT

## MATERIAL SAFETY DATA SHEET

UPDATED: 01/24/14

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

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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

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

### V. REACTIVITY DATA

<b>STABILITY:</b>	STABLE
<b>CONDITIONS TO AVOID:</b>	NONE IN DESIGNED USE.
<b>INCOMPATIBILITY:</b>	HYDROFLUORIC ACID AND HYDRAZINE
<b>HAZARDOUS POLYMERIZATION:</b>	CANNOT OCCUR
<b>HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:</b>	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

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