

## 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 PERCENT 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: 14808-60-7 < 0.1% 0.1 mg/m3 RESPIRABLE QUARTZ

QUARTZ (TYPICAL ANALYSIS) (trace) OSHA & ACGIH TLV

III. PHYSICAL / CHEMICAL CHARACTERISTICS

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

**SPECIFIC GRAVITY** (H20=1): 2.35 **BOILING POINT:** N/A **MELTING POINT:** 1600-2000° F **VAPOR PRESSURE:** N/A **WATER SOLUBILITY** (%): Negligible **VAPOR DENSITY (AIR=1):** N/A % VOLATILES BY VOLUME: None **EVAPORATION RATE:** 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

<u>HAZARDOUS POLYMERIZATION:</u> 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 ABSORBTION OF HYDRAZINE.

VI. HEALTH HAZARD DATA

<u>ROUTE(S) OF ENTRY:</u> 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

<u>CARCINOGENICITY:</u> 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

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**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

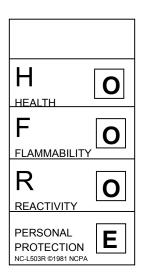
STORAGE SEGREGATION HAZARD CLASSES: N/A

**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



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