



CHEMSORB® UNIVERSAL SORBENT

MATERIAL SAFETY DATA SHEET

NFPA FIRE HAZARD SYMBOL
see NFPA 704 for detailed explanation

UPDATED: 7/18/11

I. PRODUCT IDENTIFICATION: CHEMSORB® UNIVERSAL SORBENT

| | | | |
|-------------------------|---|-------------------|--------------|
| MANUFACTURED BY: | MATRIX MANAGEMENT, INC. DBA COMPLIANCE SAFETY, INC 760 LAKESIDE DRIVE, UNIT D GURNEE, IL 60031 | TELEPHONE: | 800-340-3413 |
| | | EMERGENCY: | 800-340-3413 |

II. PRODUCT INGREDIENTS / IDENTITY INFORMATION

| INGREDIENT NAME | CAS NUMBER | PERCENT | PEL AND TLV |
|--|------------|-------------------|---|
| 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 | | |
| SPECIFIC GRAVITY (H2O=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

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|--|---|
| 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

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|--|--|-----------------------------|------------------------|
| 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 | |

MATERIAL SAFETY DATA SHEET
(Oil-Only Sorbent Matting – White)

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Oil-Only Sorbent Matting (White)

CHEMICAL FAMILY: Olefin

PRODUCT USE: Sorbent Media

CHEMICAL NAME: Polypropylene 100%

MANUFACTURER'S NAME: United Sorbents, LLC

Manufacturing /Sales/Administrative Location:

8627 South 187th Street
Kent, Washington 98031

Emergency Telephone Number: 1-888-490-2222

Telephone Number for Information: 1-425-656-4440

Date Prepared: February 26, 2012

WORK PLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Not a Controlled Product Under WHMIS.

WORK PLACE HAZARD: Not applicable.

TRANSPORTATION OF DANGEROUS GOODS (TDG)

TDG CLASSIFICATION: Not Dangerous Goods.

PACKAGE GROUP: Not Applicable.

PRODUCT IDENTIFICATION NUMBER (PIN): Not Applicable.

SECTION II: HAZARDOUS INGREDIENTS

| <u>INGREDIENTS</u> | <u>PERCENT</u> | <u>CAS NUMBER</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|--------------------|----------------|-------------------|-----------------|------------------|
| Polypropylene | 100% | 9003-07-0 | | |

Not A Hazardous Material Under WHMIS

SECTION III: TOXICOLOGICAL PROPERTIES

HEALTH HAZARDS (acute or chronic): None

SIGNS & SYMPTOMS OF EXPOSURE: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

SECTION IV: FIRST AID MEASURES

No special procedures required.

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOR: White & virtually odor free

SPECIFIC GRAVITY: 0.88 – 0.92

BOILING POINT (C):: Not Applicable

MELTING POINT (C):: >160 C

SOLUBILITY IN WATER: Insoluble

PERCENT VOLATILE BY VOLUME: Not Applicable

EVAPORATION RATE: Not Applicable

VAPOR PRESSURE (mm Hg): Not Applicable

VAPOR DENSITY (Air = 1): Not Applicable

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >329 C (625 F) (setchkin test)

FLAMMABLE LIMITS: Not Yet Determined

EXTINGUISHING MEDIA: Water, Foam, CO2, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Standard procedures for Class A fires

UNUSUAL FIRE AND EXPLOSION HAZARDS: Some carbon monoxide formation is possible under oxygen-lean conditions. Matting will not support combustion.

SECTION VII: REACTIVITY DATA

STABILITY: Stable (XX)

INCOMPATIBILITY (CONDITIONS TO AVOID): None

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with hot or concentrated nitric and perchloric acid, sulfuric acid or 98% sulfuric acid at 60 C or above.

HAZARDOUS POLYMERIZATION: Will Not Occur (XX)

SECTION VIII: PREVENTIVE MEASURES/SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None Required

VENTILATION: None Required

PROTECTIVE GLOVES: None Required

EYE PROTECTION: None Required

OTHER PROTECTIVE EQUIPMENT (SPECIFY): None Required

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in dry area. Do not store near open flame, high heat or strong oxidants.

Polypropylene, when heated, becomes very sticky and will burn.

Use self-contained air masks to enter smoky area in the event of fire.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

No special steps to be taken if material is spilled or released.

WASTE DISPOSAL METHOD

Sanitary landfill or incineration site. Disposal must be done in accordance with local, state and federal regulations.

SECTION IX: PREPARATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

DATE ISSUED: February 26, 2012

PREPARED BY: United Sorbents, LLC

Phone: 425-656-4440

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| VII. SPILL OR LEAK PROCEDURES |
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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

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| VIII. SPECIAL PROTECTION INFORMATION |
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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

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| IX. SPECIAL PRECAUTIONS |
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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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