

# MATERIAL SAFETY DATA SHEET

Product Identification: **XSORB® II with Disinfectant**

Product Description: **Absorbent with bromine for body fluids**

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## I. Manufacturer's Identification

Manufacturer: **Impact Absorbents, Inc.**  
Address: P.O. Box 1131, Atascadero, CA 93423  
Emergency Telephone: (805) 466-4709  
Date Prepared: 01/10

## II. Product Identification

Trade Name: XSORB II with Disinfectant  
Chemical Identity: A blend of aluminum silicate, sodium polyacrylate and calcium hypochlorite  
Description: Absorbent and Sanitizer

## III. Component Data

CAS or Chemical Name: Amorphous siliceous mineral silicate  
Formula: A potassium alumina silicate of various compositions  
Hazardous components: None  
OSHA PEL 10 mg/m<sup>3</sup> ACGIH TLV 10mg/m<sup>3</sup> Other NA  
5 mg/m<sup>3</sup> respirable dust  
Crystalline silica quartz less than .10% CAS no. 14808-60-7  
Percentage range: 50%

CAS or Chemical Name: sodium polyacrylate, crosslinked  
Formula: Trade Secret  
Hazardous components:  
OSHA PEL 10 mg/m<sup>3</sup> ACGIH TLV 10mg/m<sup>3</sup>  
Other .05mg/m<sup>3</sup>  
CAS no. 09003-04-7  
Percentage range: 47%

CAS or Chemical Name: Calcium hypochlorite  
Formula: Not applicable/mixture of trace chemicals  
Hazardous components: Per 29 CFR 1910.1200: Yes  
Exposure standards: None established  
CAS no. 77778-54-3  
Percentage range: 1-3%

## IV. Physical/Chemical Characteristics

Appearance: White aggregate or powder  
Odor: Slight chlorine  
Boiling Point: N/A  
Vapor Pressure: (mm Hg): N/A  
Vapor Density: (Air = 1): N/A  
Solubility in Water: % Slightly  
Specific Gravity: (H<sub>2</sub>O = 1): natural = 2.28,  
expanded = .08-.20  
Melting Point: Above 350 F  
Evaporation Rate: (Butyl Acetate = 1): N/A  
Biodegradable: No

## V. Fire and Explosion Hazard Data

Flash Point: Non-flammable  
Flammable Limits: Non-flammable  
LEL: None UEL: None  
Extinguishing & Explosion media: Not applicable if unused. If used to collect flammable liquids, then consult MSDS of flammable liquid.  
Unusual fire and explosion hazards: Slippery conditions are created if spilled product comes in contact with water.

## VI. Reactivity Data

Material is stable. Hazardous polymerization will not occur.  
Incompatibility (Materials to avoid): Hydrofluoric Acid  
Conditions to Avoid: None in designated use.  
Hazardous Decomposition products: Reacts with hydrofluoric acid to form toxic silicon tetrafluoride gas.

## VII. Health Hazards A. Summary/Risks

Routes of entry: Inhalation: Yes Skin: No Ingestion: No  
Health hazards: Acute (short term) inhalation of heavy concentrations of dust may cause mild irritation of upper respiratory tract (nose, throat) and lungs.  
Summary: Inhaling over long periods of high amounts of any nuisance dust may overload lung clearance mechanism and make lungs more vulnerable to respiratory disease.  
Medical conditions aggravated by exposure: Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.  
Acute Health Effects: None known.

## VII. B. Signs/Symptoms of Over Exposure

Inhalation: Congestion and irritation of throat, nasal passages and upper respiratory systems. Persons sensitive to inert dust may experience coughing when exposed to heavy concentration of airborne material.  
Skin Contact or Absorption: N/A  
Ingestion: Not hazardous. Generally regarded as safe by FDA.  
Eyes: Temporary irritation and inflammation.  
If dust particles lodge in eyes, use standard eye wash solutions or water and allow eyes to clear.

## VIII. Precautions for Safe Handling & Use

Steps to be taken in case material is released or spilled: Sweep with broom and dispose as for any inert, non-carcinogenic solid waste. Handle as an eye irritant. Avoid contact with eyes. Wear goggles and NIOSHA approved mask.  
Waste Disposal Method: If not contaminated, landfill approved as defined by RCRA (40CFR part 261). If used to collect liquid material, dispose in compliance with MSDS of collected liquid. Below WHMIS Classification of 0.1 mg/m.

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## **IX. Control Measures**

Respiratory Protection: We recommend use of NIOSH approved dust respirator when excessive dust concentrations are airborne.

Ventilation: Local Exhaust: NA Mechanical: NA

Special: NA

Other: NA

Protective Gloves: Not necessary

Eye Protection: Safety glasses/goggles usually not necessary.

Other Protective Clothing: Not Necessary

Work/Hygienic Practices: Maintain good housekeeping practice.

Remove material after absorption has taken place. Reseal bag after use to prevent evaporation of wetting agent.

Submitted by: Gary D. Tharp, Vice President

As of the date of submittal of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law. However, no warranty or representation with respect to such information is intended or given.