

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standards must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Identity (As used on Label and List)

STOCKOSORB F

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name and Address

Stockhausen, Inc.
2401 Doyle Street
Greensboro, NC
27406

Emergency Telephone Number

(800) 242-2271

Telephone Number for Information

(336) 333-3500

Date Prepared

11/14/01

NA = Not Applicable

NE = Not Established

NH = Non-Hazardous

Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific
Chemical Identity; Common Name(s))

Acrylamide/Potassium Acrylate copolymer, Crosslinked

CAS No. 31212-13-2

OSHA PEL

NE

ACGIH TLV

NE

Other Limits
Recommended

0.05 mg/m³ *

% (Optional)

Serial Number

0705

* Stockhausen recommended inhalation exposure limit guideline. Small, less than 10 microns respirable polyacrylate. See also Section VI of MSDS.

SARA Section 313 Reportable Toxic Chemicals - NONE%**Section III - Physical/Chemical Characteristic**

Boiling Point

Solid

NE

Vapor Pressure (mm Hg.)

Less than

10

Vapor Density (AIR=1)

Nil

NE

Specific Gravity (H₂O=1)

Bulk Density

0.4-0.7

Melting Point

Greater than

390°F

Evaporation Rate
(Butyl Acetate =1)

Less than

1

Solubility in Water

Insoluble

Appearance and Odor

White granular powder; no odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None

Flammable Limit LEL

NE

UEL

NE

Extinguishing Media

Water, CO₂ and dry chemical extinguishants.

Special Fire Fighting Procedures

None.

Unusual Fire and Explosion Hazards

Extremely slippery conditions are created if spilled product comes in contact with water.

Section V - Reactivity Data

Stability Unstable **Conditions to Avoid** None known
 Stable

Incompatibility (Materials to Avoid) None known

Hazardous Decomposition or Byproducts None known

Hazardous Polymerization May Occur **Conditions to Avoid** None known
 Will Not Occur

Section VI - Health Hazard Data

Routes of Entry **Inhalation:** Yes **Skin:** No **Ingestion:** No

Health Hazards (Acute and Chronic) Acute (short term) inhalation of dust may cause mild irritation of upper respiratory tract (nose and throat) and lungs.

Chronic (long term) inhalation exposure to rats for a lifetime (two years) using a sodium polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produced non-specific inflammation and chronic lung injury at 0.2 mg/m³ and 0.8 mg/m³.

At 0.8 mg/m³, tumors were seen in some animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects of any kind at 0.05 mg/m³.

Sodium polyacrylate had no effect in mutagenicity tests.

Carcinogenicity **NTP:** No **IARC:** No **OSHA:** No

Signs and Symptoms of Exposure Possible reddening, drying of skin or eyes with itching, burning or other discomfort; irritation of nose and throat.

Medical Conditions Generally Aggravated by Exposure May aggravate existing respiratory conditions; skin conditions (due to drying effect).

Emergency and First Aid Procedures Flush eyes thoroughly with water. If inhaled, move to source of fresh air. Call a physician regarding any continued discomfort.

Section VII - Precautions for Safe Handling and Use

Steps in Case of Released/Spilled Collect material. Avoid contact with water, as extremely slippery conditions will result. Residuals are to be flushed thoroughly with water to the drain for normal wastewater treatment.

Waste Disposal Method Dispose of in accordance with Local, State and Federal regulations. Non-hazardous waste material suitable for approved solid waste landfill.

Precautions to be Taken in Handling/Storage Handle as an eye irritant. Do not get into eyes. Avoid prolonged or repeated skin contact. Do not inhale dust. Do not ingest.

Other Precautions Dusty conditions may irritate the eyes and respiratory system. Wear goggles and mask with high efficiency filter where dust is created.

Section VIII - Control Measures

Respiratory Protection Wear respirator or mask with high efficiency filter for particulate levels above 0.05 mg/m³.

Ventilation Local Exhaust Ensure airborne particles are removed. **Special** Not required

Mechanical Recommended **Other Ventilation** Not required

Protective Gloves Recommended **Eye Protection** Safety glasses or goggles.

Other Protective Clothing or Equipment None **Work/Hygienic Practices** Wash thoroughly after handling.