

# Stockhausen

## 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)

**FAVOR PAC 85**

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  
**(910) 333-3500**

Date Prepared  
**5/12/95**

Signature of Preparer (optional)

*Walter R. Pelt*

NA = Not Applicable  
NE = Not Established  
NH = Non-Hazardous

### Section II - Hazardous Ingredients/Identity Information

Serial Number 0340-4

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

OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
NE	NE	0.05 mg/m <sup>3</sup> *	

Polyacrylate/Polyalcohol Copolymer

CAS No. 130672-62-7

Polyalcohol polymer

NE NE

CAS No. 9002-89-5

Post Treated - Trade Secret

NE NE

CAS No. Trade Secret

\* 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 Characteristics

Boiling Point

Solid  NE

Vapor Pressure (mm Hg.)

Less than  10

Vapor Density (AIR=1)

Nil  NE

Solubility in Water

Insoluble

Appearance and Odor

White granular powder; no odor

Specific Gravity (H<sub>2</sub>O=1)

Bulk Density  0.4-0.7

Melting Point

Greater than  390°F

Evaporation Rate (Butyl Acetate =1)

Less than  1

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

None

Flammable Limits LEL NE UEL NE

Extinguishing Media

Water, CO<sub>2</sub> 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  Stable      Conditions to Avoid None known

Incompatibility (Materials to Avoid) None known

Hazardous Decomposition or Byproducts None known

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

**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/m<sup>3</sup> and 0.8 mg/m<sup>3</sup>. At 0.8 mg/m<sup>3</sup>, 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/m<sup>3</sup>.

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/m<sup>3</sup>.

**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