

2 ABDEL K48799 000770

**MATERIAL SAFETY DATA SHEET**



Wilmington, Delaware 19897

Form No.: M3745

Date: 3/24/82

Phone (302) 575-3000 (24 hours)

**SECTION 1 NAME & PRODUCT**

Material name:

KIMITEX® PA

Formula of primary component(s):

Sodium alginate (Alginic acid is a naturally occurring polysaccharide.)

CAS 9005-38-3

**SECTION 2 INGREDIENTS**

Sodium alginate

Moisture

|                 | %  | TLV (ACGIH)  |
|-----------------|----|--------------|
| Sodium alginate | 80 | Not assigned |
| Moisture        | 20 |              |

80

Not assigned

20

(not specification values)

**SECTION 3 PHYSICAL DATA**

Boiling point: Not applicable

Specific gravity: Not applicable

Vapor pressure (mmHg at 20°C): Not applicable

% Volatile by volume: Not applicable

Vapor density (air = 1): Not applicable

Appearance and odor:

Solubility in water: Soluble

Light brown powder

**SECTION 4 FIRE AND EXPLOSION HAZARD DATA**

Flash point (and method):

Not applicable.

Flammable limits (STP):

Not applicable.

Extinguishing media:

Water fog, foam, carbon dioxide, dry chemical, Halon 1211.

Special fire fighting protective equipment:

Self-contained breathing apparatus in confined areas.

Unusual fire and explosion hazards:

None, product is self-extinguishing.

**SECTION 5 REACTIVITY DATA**

Stability:

Product will slowly degrade over long periods of time, especially at higher temperatures and in dampness.

Incompatibility (materials to avoid):

None known.

Hazardous decomposition products:

Carbon dioxide.

Hazardous polymerization:

Will not occur.

**SECTION 6 HEALTH HAZARD DATA**

**Oral ingestion:**

Low order of toxicity. Approved as a food additive.

**Eye contact:**

No irritation expected.

**Skin contact:**

No irritation expected.

**Skin absorption:**

No data.

**Inhalation (TLV or suggested control figure):**

10 mg/m<sup>3</sup> total dust suggested as good hygiene practice.

**Effects of overexposure:**

None expected.

**First aid procedures:**

Treat symptomatically.

**SECTION 7 SPILL OR LEAK PROCEDURES**

**Steps to be taken in case material is released or spilled:**

Sweep up and shovel into a waste container. Wash down spill area with water and flush to a sanitary sewer.

**Disposal method:**

Dispose of waste in a permitted landfill for nonhazardous waste.

**SECTION 8 SPECIAL PROTECTION INFORMATION**

**Ventilation:**

Use local exhaust at transfer points if suggested TLV is exceeded.

**Respiratory protection (specify type):**

Not normally needed. If necessary, use a MSHA-NIOSH approved respirator for a dust of a substance with a TLV greater than 0.05 mg/m<sup>3</sup>.

**Protective clothing:**

Not needed.

**Eye protection:**

Safety glasses with side shields.

**Other protective equipment:**

Not normally required.

**SECTION 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS**

**Precautions to be taken in handling or storing:**

Store in cool dry area. Keep container closed. Prolonged storage may result in some loss of viscosity-enhancing ability.