MATERIAL SAFETY DATA SHEET

No.: 140  Rev. No.: 9
Date Revised: 1/2/97

Trade Name(s): KRUM
Chemical Name: Sodium Potassium Aluminum Silicate
Manufacturer: SILBRICO CORPORATION
Address: 6300 River Road
City: Hodgkins
State: IL
Zip: 60525

Telephone: 708/354-3350
Emergency: 708/354-3350

Appearance and Odor: Dry White Powder or Aggregate/No Odor.

Boiling Point: NA
Vapor Pressure: NA
Water Solubility (%): Negligible
Vapor Density (Air=1): NA
Evaporation Rate: NA
Specific Gravity (H₂O = 1): 2.35
% Volatile by Volume: None

Flash Point (Method): NONFLAMMABLE
Flammable Limits: LEL: NA %  UEL: NA %
Extinguishing Media: NA
Unusual Fire or Explosion Hazards: NONE
Special Fire-Fighting Procedures: NONE

MATERIAL IS STABLE. HAZARDOUS POLYMERIZATION CANNOT OCCUR.

Chemical Incompatibilities: HYDROFLUORIC ACID
Conditions to Avoid: NONE in designed use

Hazardous Decomposition Products: May react with hydrofluoric acid to form a toxic gas
### VI. HEALTH HAZARD DATA

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

#### Health Hazards (Acute and Chronic)

**Acute:** Upper Respiratory Irritant, Excessive Inhalation of Any Dust May Overload Lungs.

**Chronic:** None Known.

#### Carcinogenicity:
- NTP?: No
- IARC Monographs?: No
- OSHA Regulations?: No

#### Signs and Symptoms of Exposure
- Upper Respiratory and Eye Irritation

#### Medical Conditions
- Generally Aggravated by Exposure
  - Pre-Existing Upper Respiratory and Lung Diseases

#### Emergency and First Aid Procedures
- **Inhalation:** Remove to Fresh Air
- **Eyes:** Flush with large Quantities of Water

### VII. SPECIAL PROTECTION INFORMATION

#### 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

### IX. SPECIAL PRECAUTIONS

#### Storage Segregation
- Hazard Classes: NA

#### Special Handling/Storage:
- Repair broken bags immediately; avoid creating dust

#### Special Workplace Engineering Controls:
- Not normally required.

Perlite is a naturally occurring substance and is therefore included, but not individually listed, in the TSCA inventory.

#### HMIS Ratings:
- E = Dust Respirator

### Prepared/Revised by:
- SILBRICO CORPORATION

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