



# Material Safety Data Sheet

|      |  |                              |
|------|--|------------------------------|
| NFPA | HCS Risk Phrases                             | Protective Clothing          |
|      | Not controlled under the HCS (United States) | Safety glasses<br>Respirator |

## Section I. Chemical Product and Company Identification

|                            |  |             |            |
|----------------------------|--|-------------|------------|
| Common Name<br>Trade Name  | <b>NS-7</b>  | Last Update | 03/01/2011 |
| Supplier/<br>Manufacturer: | FRITZ-PAK CORPORATION<br>4821 Eastover Circle<br>Mesquite, TX, 75149, U. S. A.<br>Tel: 214-221-9494<br>Fax: 214-349-3182 |             |            |

## Section II. Composition and Information on Ingredients:

| Name     | CAS #     | % by Weight | TLV/PEL       | LC <sub>50</sub> /LD <sub>50</sub> |
|----------|-----------|-------------|---------------|------------------------------------|
| Aluminum | 7429-90-5 | 1-3         | TWA: 10 (ppm) | N. A.                              |

## Section III. Hazards Identification

|                          |   |
|--------------------------|---|
| Potential Health Effects | Slightly dangerous in case of inhalation. Very slightly dangerous in case of skin contact (irritant, permeator), eye contact (irritant), ingestion. |
|--------------------------|---|

## Section IV. First Aid Measures

|              |   |
|--------------|---|
| Eye Contact  | Rinse with water for a few minutes  |
| Skin Contact | No known effect on skin contact. Rinse with water for a few minutes.  |
| Inhalation   | Allow the individual to rest in a well ventilated area. Seek immediate medical attention  |
| Ingestion    | Have conscious person drink several glasses of water or milk. INDUCE VOMITING by sticking finger in throat. Seek medical attention. |

## Section V. Fire and Explosion Data - Non-Flammable

## Section VI. Accidental Release Measures

|            |  |
|------------|--|
| All Spills | Use appropriate tools to put the spilled solid in a convenient waste disposal container. |
|------------|--|

## Section VII. Handling and Storage

|             |  |
|-------------|--|
| Precautions | DO NOT breath dust. In case of insufficient ventilation wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents. |
|-------------|--|

## Section VIII. Exposure Controls/Personal Protection

|                      |   |
|----------------------|---|
| Engineering Controls | If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. |
| Personal Protection  | Safety glasses. Dust respirator. Be sure to use MSHA/NIOSH approved respirator or equivalent.                                       |

**Section IX. Physical and Chemical Properties**

|                               |                                    |       |                      |
|-------------------------------|------------------------------------|-------|----------------------|
| Physical state and appearance | Solid                              | Odor  | No appreciable odor. |
| pH (1% soln)                  | 4.5 (Acidic)                       | Color | Light Tan            |
| Specific Gravity              | Weighted average: 2.43 (Water = 1) |       |                      |
| Volatility                    | 2.5% (v/v)                         |       |                      |
| Solubility                    | Partially soluble in water.        |       |                      |

**Section X. Stability and Reactivity Data**

|   |   |
|---|---|
| Stability                               | The product is stable.  |
| Incompatibility with various substances | Slightly reactive to reactive with oxidizing agents.<br>Very slightly reactive with moisture. |

**Section XI. Toxicological Information**

|  |  |
|--|--|
| Routes of Entry                                  | Ingestion. Inhalation  |
| Toxicity to Animals                              | Acute oral toxicity (LD50): 3160 mg/kg (Rat).                          |
| Special Remarks on other Toxic Effects on Humans | Material is irritating to mucus membranes and upper respiratory track. |

**Section XII. Ecological Information - Not Available**

|                            |  |
|----------------------------|--|
| Products of Biodegradation | Possibly hazardous short term degradation products are not likely. |
|----------------------------|--|


**Section XIII. Disposal Considerations**

|                |   |
|----------------|---|
| Waste Disposal | Customary plan procedures for industrial waste treatment. |
|----------------|---|

**Section XIV. Transport Information - Non-Hazardous**

|                    |   |
|--------------------|---|
| DOT Classification | Not a DOT controlled material (United States) |
|--------------------|---|

**Section XV. Other Regulatory Information and Pictograms**

|                 |                     |   |   |  |                 |
|-----------------|---------------------|---|---|--|-----------------|
| HMIS (U. S. A.) | Health Hazard       | 1 | National Fire Protection Association (U. S. A.) | Health  Fire Hazard |                 |
|                 | Fire Hazard         | 0 |   |  |                 |
|                 | Reactivity          | 1 |   |  | Reactivity      |
|                 | Personal Protection | a |   |  | Specific Hazard |

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Fritz-Pak Corporation assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.