Section 1: Product and Company Identification

Product: Soot Sealer Air Duct Adhesive
Synonyms:
NILODOR, INC.
10966 INDUSTRIAL PARKWAY NW
BOLIVAR, OHIO 44612, USA

Non-Emergency: US 800-443-4321
24 hr Emergency Spill Information: US, Canada: 800-255-3924. International:
International +01-330-874-1017 +01-813-248-0585

Section 2. Hazards Identification

EMERGENCY OVERVIEW
Appearance/Odor: Green liquid, characteristic aroma

WARNING
Flammability: Not classified as flammable
Health Hazards Listed: May be a mild irritant
Ecological Hazards Listed: None known
Potential Health Effects: See section 11 for more information.

Risk Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin

Safety Phrases:
S2 - Keep out of the reach of children
S7 - Keep container tightly closed
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Hazard Phrases:
H303 - May be harmful if swallowed
H335 - May cause respiratory irritation
H316 - Causes mild skin irritation

Precautionary Phrases:
P233 - Keep container tightly closed.
P234 - Keep only in original container.
Keep cool.

**Likely Routes of Exposure:**
- **Skin:** Prolonged or repeated exposure can irritate
- **Eye:** Direct exposure can irritate
- **Ingestion:** May cause gastric distress
- **Inhalation:** Not likely to be a problem

**Medical Conditions Aggravated By Exposure:**
- **Allergies**

**Target Organs:**
None known

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Potential Environmental Effects:**
(See section 12 for more information.)
None known

### Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>% by Weight</th>
<th>WHMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Chlorhydrate</td>
<td>12042-91-0</td>
<td>8-13</td>
<td>Y</td>
</tr>
<tr>
<td>Polyvinylpyrrolidone K-30</td>
<td>9003-39-8</td>
<td>7-9</td>
<td>N</td>
</tr>
<tr>
<td>Diethylene Glycol</td>
<td>111-46-6</td>
<td>3 - 7</td>
<td>N</td>
</tr>
<tr>
<td>Odor Counteractant</td>
<td>Mixture (NA)</td>
<td>1-2</td>
<td>Y</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>70-75</td>
<td>N</td>
</tr>
</tbody>
</table>

### Section 4. First Aid Measures

- **Eye Contact:** Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, get medical attention.
- **Skin Contact:** Wash with soap and water.
- **Inhalation:** Remove to fresh air.
- **Ingestion:** If conscious, give water or milk to drink.
- **Note to Physicians:** Do not induce vomiting. Product is slightly less acid than gastric fluid.

### Section 5. Fire Fighting Measures

- **Suitable Extinguishing Media:** Water, foam, carbon dioxide, dry chemical.
- **Unsuitable Extinguishing Media:** None known.
- **Products of Combustion:** Oxides of carbon and nitrogen.
- **Protection of Firefighters:** As for surrounding fire.

### Section 6. Accidental Release Measures

- **Personal Precautions:** Keep away from skin and eyes.
- **Environmental Precautions:** Keep out of surface waters and sanitary sewers.
- **Methods for Containment:** Dike area with sand, clay or other suitable material.
- **Methods for Clean-Up:** Absorb on sand, clay or other suitable material. Hard surfaces may be mopped up with water.

### Section 7. Handling and Storage

**HANDLING**
Keep closed until ready for use.

STORAGE
Keep out of the reach of children. Store in original container at ambient conditions.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>TWA</th>
<th>LD-50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Chlorhydrate</td>
<td>TLV 15 mg/cu m</td>
<td>&gt;5000 mg/kg</td>
</tr>
<tr>
<td>Polyvinylpyrrolidone K-30</td>
<td>None established</td>
<td>&gt; 100 grams/kg</td>
</tr>
<tr>
<td>Diethylene Glycol</td>
<td>None established</td>
<td>25 244 mg/kg</td>
</tr>
<tr>
<td>Odor Counteractant</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Water</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

Engineering Controls: Not normally necessary.
Eye/Face Protection: Protective goggles if handling large quantities.
Skin Protection: Rubber or similar protective gloves recommended.
Respiratory Protection: Organic mist respirator if using large quantities
General Hygiene Considerations: Reasonable care. Keep away from food and beverages.

| Color: Green | Odor: Characteristic |
| Physical State: Liquid | Odor Treshold: |
| pH: 3.5-5.5 | Freezing Point: Not determined. |
| Evaporation Rate: As water | Boiling Point: >100C / >212F |
| Flash Point: >205 F PMCC | Flammability(solid,gas): Not applicable |
| Upper Flammability Limit: Not determined | Lower Flammability Limit: Not determined |
| Vapor Pressure: Not determined | Specific Gravity: 1.05 |
| Vapor Density: Not determined | Auto-ignition Temperature: Not determined |
| Volatile Organic Compound (VOC),%weight: less than 1% | Solubility (water): Soluble |
| Percent Volatile: 70-80% including water |

Stability: Stable
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: None known
Possibility of Hazardous Reactions: Will not occur

ACCUTE EFFECTS
Oral LD50: Not determined for mixture. Weighted average more than 7 grams per kilogram
Dermal LD50: Not toxic by skin contact. Weighted average more than 6 grams per kilogram.
Inhalation: Not toxic by inhalation. Weighted average more than 16 milligrams per Liter.
Eye Irritation: Direct contact can irritate
Skin Irritation: Prolonged or repeated direct contact can irritate
Sensitization: None known
CHRONIC EFFECTS
Carcinogenicity: None known
Mutagenicity: None known
Reproductive Effects: None known
Developmental Effects: None known

Section 12. Ecological Information
Ecotoxicity: None known
Persistence/Degradability: Biodegradable
Bioaccumulation/Accumulation: None known
Mobility in Environment: Not determined

Section 13. Disposal Considerations
Disposal: Dispose according to Federal, State or Provincial, and local regulations.

Section 14. Transportation Information
US DOT (ground)
Proper Shipping Description: Not a Hazardous Material
CANADA TDG (ground)
Proper Shipping Description: Not a Dangerous Good
ICAO (air)
Proper Shipping Description: Not a Dangerous Good
IMDG (water)
Proper Shipping Description: Not a Dangerous Good

Section 15. Regulatory Information
Global Inventories
TSCA: United States Included
DSL: Canada Included
ECL: Korea Not-Known
PICCS: Philippines Not-Known
ENCS: Japan Not-Known
AICS: Australia Included
IECS: China Not-Known
EINECS: European Union Included
SARA 313 Information: Does not contain reportable quantities of any SARA 313 substances

California Safe Drinking Water and Toxic Enforcement Act pf 1986 : (Proposition 65)
Does not contain any Proposition 65 substances.
WHMIS: Canadian Workplace Hazardous Material Information System
D 2 B

Section 16. Other Information
Aluminum Chlorhydrade listed on Canada\'s Ingredien
Legends:
NFPA, HMIS:
0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Prepared By: Technical Dept.

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