MATERIAL SAFETY DATA SHEET

Manufactured For: Schaeffer Mfg. Company  
Address: 102 Barton Street  
Address: St. Louis, MO 63104  
Emergency Response Number: 314-865-4105 or 800-325-9962  

SECTION 1 – PRODUCT INFORMATION

Chemical Family: Petroleum Hydrocarbons and Additives  
Trade Name: XTEK Formula 800  
Formula: Proprietary Mixture

SECTION 2 – HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>CAS Number</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixture of Petroleum Oils 64742-16-1, 64741-56-6, 64742-65-0, 64742-57-5, 64742-62-7, 64742-54-7</td>
<td>65-75</td>
<td>5</td>
</tr>
<tr>
<td>Polyalphaolefin Synthetic Base Fluid 68037-01-4</td>
<td>8-12</td>
<td>5</td>
</tr>
<tr>
<td>Acetylene Black 1333-86-5</td>
<td>1-4</td>
<td>3.5</td>
</tr>
<tr>
<td>Graphite 7782-42-5</td>
<td>1-4</td>
<td>2</td>
</tr>
<tr>
<td>Molybdenum Disulfide 1317-33-5</td>
<td>1-4</td>
<td>1</td>
</tr>
<tr>
<td>Olefin Copolymer Tackiness Additive – Mixture</td>
<td>1-3</td>
<td>NE</td>
</tr>
<tr>
<td>Organophilic Clay 71011-25-2</td>
<td>4-7</td>
<td>NE</td>
</tr>
</tbody>
</table>

Section 3 – PHYSICAL DATA

- Boiling Point: >600°F / 315.5°C
- Specific Gravity: 1.03
- Vapor Pressure (mm, Hg): Not Determined
- % Volatile: Nil
- Evaporation Rate: (=1) Not Determined
- Solubility in Water: Insoluble
- pH: Not Applicable

Appearance and Odor: Silver, black color, tacky petroleum odor.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

- Flash Point (Method) °F/°C: 522°F / 272.22°C C.O.C.  
- Flammability Limits UEL & LEL --- Not Determined (ASTM D-92)

Extinguishing Media: Carbon dioxide foam, dry chemical foam, sand, earth, waterfog.

Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined space without protective equipment including self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: Dense black smoke

SECTION 5 - REACTIVITY HAZARD DATA

- Stability: [X] STABLE [ ] UNSTABLE
- Hazardous Decomposition: [ ] WILL [X] WILL NOT OCCUR

Conditions to Avoid:
- Incompatibility (Mat. to avoid): Strong oxidizers and reducers
- Hazardous Decomposition Products: Oxides of carbon, sulfur and by products of incomplete combustion
- Conditions to Avoid: None

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure:
- Ingestion: Nausea and Diarrhea. Tackiness agent in this product may be possibly coagulated by stomach acids
- Eye Contact: Irritation and redness to eyes
- Skin Contact: Prolonged and repeated contact with the skin can cause irritation and redness to skin.
- Inhalation: Vapors can be given off under high heat conditions excessive breathing of vapors can cause irritation of the respiratory tract.

CHRONIC EFFECTS OF OVEREXPOSURE: None currently known

Emergency and First Aid Procedures:
- Swallowing: If victim is conscious give 2 glasses of water to drink. Do not induce vomiting. Seek medical attention immediately.
- Skin: Wash skin thoroughly with soap and water. Launder contaminated clothing.
- Inhalation: Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately.
- Eyes: Flush eyes with clear, cool, clean water for 15 minutes. Seek medical attention immediately

SECTION 7 – SPILL OR LEAK PROCEDURES

Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.

Procedures To Be Taken If Material is Released or Spilled: Immediately absorb spilled material with absorbent clay or other suitable material. Shovel up and place in a hazardous waste disposal drum. Keep out of sewers and waterways.

Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. This product is not considered to be an RCRA hazardous waste.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required under ordinary conditions of use.
- Ventilation: No special requirement under ordinary conditions of use and with adequate ventilation.
- Eye Protection: Goggles of face shield.
- Protective Clothing: Neoprene or oil resistant gloves.

Date Prepared: 10/15/1999  
OF-1049 Rev. (1999)
SECTION 9 – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Do not store near heat, spark, flame or strong oxidizers. Keep containers closed when not in use.

Special Comments: Remove oil soaked clothing, launder before reuse. Wash skin thoroughly with soap and water after handling and before eating, smoking and using toilet facilities. Keep away from food and feed products.

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Ratings: Health = 1 Fire = 1 Reactivity = 0

This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA’s 1910.10 Subpart Z List.

This product does not contain any chemicals that are found on the State of California’s Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.

SARA Title Information:
This product does not contain greater than 1% of any of the chemicals listed on the EPA’s CERCLA 302/304 and SARA Title III Section 313 Lists.

All components of this material are on the US TSCA Inventory List. All the components of this material are in compliance with the Canadian Environment Protection Act, the EC Seventh Amendment Directive 92/132/EEC and the chemical notification requirements of Australia, Austria and the Environmentally Hazardous Substance Ordinance of Switzerland.

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