MATERIAL SAFETY DATA SHEET

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Date: REVISED 08-28-01

SECTION I PRODUCT IDENTIFICATION

Product Name: PANEF Stick Lubricant GS-20 (Lub-A-Stick)
Generic Name: Wax/Silicone Lubricant
Chemical Family: Petroleum Hydrocarbons
CAS #: NOT APPLICABLE - Mixture

SECTION II HAZARDOUS INGREDIENT IDENTITY INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS</th>
<th>OSHA ACGIH</th>
<th>APPROX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum USP</td>
<td>8009-03-08</td>
<td>5mg/M³*x</td>
<td>35-45</td>
</tr>
<tr>
<td>Paraffin Wax</td>
<td>64742-43-4</td>
<td>5mg/M³*x</td>
<td>35-45</td>
</tr>
<tr>
<td>Paraffinic white mineral-oil</td>
<td>8042-47-5</td>
<td>5mg/M³*x</td>
<td>15-20</td>
</tr>
<tr>
<td>Dimethylpolysiloxanes</td>
<td>Mixture</td>
<td>Not Established</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>

* Or melted products as mist.

SECTION III PHYSICAL DATA

Boiling Point (760mm Hg) NA

Specific Gravity (Water =1) 0.72

Vapor Density (Air = 1) NA

Vapor Pressure (mm Hg @25°C) NA

Evaporation Rate (Butyl Acetate = 1) NONE

% Volatile (Vol %) NONE

Solubility in Water: Insoluble
Appearance and Odor: White, waxy solid, odor less.

SECTION IV FIRE AND EXPLOSION DATA

Flash Point 400°F COC
(Method Used) NA

Flammable Limits (% by Vol) LEL NA UEL NA

Fire Extinguishing Media:

Foam X CO₂ X Dry Chemical X Water Fog Other

Special Fire Fighting Procedures: NONE

Unusual Fire and Explosion Hazards: NONE

Hazardous Products Formed by Fire or Thermal Decomposition:
Product will burn but not easily ignited.
Smoke, carbon monoxide and/or carbon dioxide.
VI REACTIVITY and STABILITY DATA
Product is: Stable    Unstable

Conditions to avoid

Incompatibility (Materials to avoid)
None

Hazardous Polymerization: Will not occur
May Occur

VII HEALTH HAZARD DATA
Route of Entry
   Inhalation     Skin
   Eyes     Ingestion
   Molten product only

Health Hazard
   Acute: NONE
   Chronic: NONE

Symptoms of Exposure
Product has very low level of toxicity

EMERGENCY AND FIRST AID PROCEDURES
Avoid contact with molten product or fumes of very hot wax.
   Eyes: Flush with water, get medical attention.
   Inhalation: Get to fresh air.
   Ingestion: Get medical attention.
   Skin: Wash with soap and water.

Carcinogen: No    Yes as reported by:

VIII PRECAUTIONS FOR SAFE HANDLING AND USE
Steps to be taken in case material is released or spilled
   Recover free product. Use absorbent on spill areas.
   Keep product out of sewers and water ways. Avoid skin contact

Waste Disposal Methods
   Incinerate or bury according to local, state, federal laws.

Precautions to be used in Handling and storage
   Keep containers closed and away from open flames.

IX PERSONAL PROTECTION RESPIRATORY PROTECTION
Ventilation
   Local: General Shop ventilation usually adequate.
   Mechanical: If needed to control fumes, mist or spray.

Respiratory Protection: None required in normal use.
Protective Gloves: Neoprene or nitrile gloves recommended.
IX PERSONAL PROTECTION AND RESPIRATORY PROTECTION (Con't)

Eye Protection: Safety glasses or goggles recommended when eye contact may occur.

Other Protection: Not generally required with this product.

Hygienic Practices: Wash hands with soap and water after handling product. Remove contaminated clothing and launder before reuse.

Special Precautions: Keep containers closed when not in use.
Do not handle or store near excess heat sparks or open flames.

Keep out of the reach of children. DO NOT ingest.

X REGULATORY INFORMATION

SARA Title III §302, 304, 311 & 312.
Components in this product at a level which could require reporting under this statute are:

SARA Title III §313.
Components present in this product which may require reporting under this statute are:

The data given in this Material Safety Data Sheet is based on information which is considered to be accurate and current at time of issue. However, no warranty, expressed or implied, is given regarding the accuracy of these data or the results to be obtained from their use.

Replaces all previous Editions.

Prepared By: HRE

Emergency Phone Number 1-800-448-1247