

# MATERIAL SAFETY DATA SHEET

**Product Name:** Apiezon® M Vacuum Grease  
**Catalog Number:** 110507  
**MSDS Update:** 10/24/05



**Distributed By:**  
Accu-Glass Products, Inc.  
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## HAZARDOUS COMPONENTS

	CAS Number	Percent	Exposure Limits
Petroleum Hydrocarbons	8012-95-1001		

## COMPOSITION

Composition: Hydrocarbon Grease  
Hazardous ingredients: None  
NFPA Rating: Not Known

## PHYSICAL AND CHEMICAL DATA

Physical State: Semi-solid  
Odor: None  
Flash Point: > 250°C (482°F)  
Boiling Point: Not Applicable  
Explosive Limits: Not Applicable  
Solubility in Water: Insoluble  
Appearance and Odor: Dark Yellow  
Melting Point: 40-48°C (104-118°F)  
Autoignition Point: > 250°C (482°F)  
pH: Not Applicable  
Vapor Pressure: Not Applicable  
Viscosity: Not Applicable  
Relative density @ 20°C (68°F) : 0.894  
Octanol/Water Partition Coefficient in Kow: Specific value not known  
Evaporation Rate: Not known but it is very low

## FIRE AND EXPLOSION HAZARD DATA

Flammability classification: Not classified. Grease will not ignite or burn readily.  
Flash Point: Not Applicable  
Auto-Ignition Temp.: >250°C (482°F)  
Flammable Limits: Lower: Not Applicable  
Upper: Not Applicable

Hazardous Combustion Products: None Known

Special Conditions to Avoid:

Materials to Avoid: Strong oxidizing agents

Conditions to Avoid: Temperatures >120°C (248°F)

Extinguishing Media: Use dry chemicals, CO<sub>2</sub>, foam, water fog. Do not use water jets.

Special Fire Fighting Procedures: None known

Special Protective Equipment: None needed

### **HEALTH HAZARD DATA**

*Emergency Overview:* This material is not classified hazardous by OSHA Hazard Communication  
*Definition*  
*Signal Word:* CAUTION!  
*Physical Health Hazards:* Spilled product constitutes a slip hazard  
*Physical State:* Semi-solid  
*Color:* Yellow  
*Odor:* None  
*Odor Threshold:* No data available  
*Potential Health Effects:* Eye contact and ingestions are highly unlikely. Skin contact is much likely to happen however, there is very little data to determine a frequency of occurrence.

### **EMERGENCY AND FIRST AID**

*Take proper precautions to ensure your own health and safety before attempting to rescue and providing first aid. For specific information refer to the Emergency Overview in Section of this MSDS.*

*Inhalation:* None envisaged  
*Eye Contact:* Wash eyes with clean low-pressure water. If irritation persists, seek medical advice.  
*Skin Contact:* None envisages  
*Ingestion:* Do not induce vomiting, seek medical attention at once.

### **REACTIVITY DATA**

*Stability:* This product is stable and will not polymerize  
*Conditions to Avoid* Temperatures >120 ° (248°F)  
*Incompatibility:* Strong oxidizing agents.  
*Hazardous Decomposition Products:* Not expected to decompose under normal conditions, but if it does occur, there can be trace amounts of polycyclic hydrocarbons.  
*Reactions with Air and Water:* Does not react with air, water or other common materials.

### **SPILL, DISPOSAL AND STORAGE INFORMATION**

*Personal precautions:* Spilled product constitutes a slip hazard  
*Environmental precautions:* None  
*Decontamination procedures:* Place in containers  
*Handling:* No special precautions required  
*Storage:* Keep cap tightly screwed on to protect integrity of the product. No other precautions need be taken.  
*Disposal:* Product and packaging must be disposed of in accordance with local and national regulations. May be incinerated. This material is NOT classified as a hazardous material by RCRA. Use only licensed transporters and permitted disposal facilities and conform to all laws.

### **PROTECTIVE EQUIPMENT AND CONTROL MEASURES**

*Substance Source:* 8hr TWA STEL  
*Mineral Oil (mist)* 5mg/m<sup>3</sup> 10mg/ m<sup>3</sup> EH40  
*Engineering Controls:* None required.  
*Personal Protection:* Wash hands after use, using soap and water to remove all residues of the grease. Avoid long exposure, so washing should be done fairly immediately after using.  
*Skin:* Special protection not required.  
*Eye:* Always use safety glasses, when conducting any laboratory activities, including the use of vacuum grease lubricants.

### **TOXICOLOGICAL INFORMATION**

*Based on the product's components:*  
*Oral LD<sub>50</sub> (rat):* >2 g/kg. *Dermal LD<sub>50</sub> (Rabbit)* >2 g/kg

*Acute Health Effects:*  
*Eyes:* May cause transient irritation.  
*Inhalation:* Low volatility makes inhalation unlikely  
*Ingestion:* May cause nausea, vomiting and diarrhea.

*Chronic Health Effects:*

*Skin: Repeated and prolong skin contact may cause skin disorders*

*Chronic Effects / Carcinogenicity: None expected*

*Reproductive/Development Effects: No reproductive or developmental effects are expected*

**ECOLOGICAL INFORMATION**

*Environmental: When used and/or disposed of as indicated, no adverse environmental effects are foreseen.*

*Mobility: Non-volatile/Insoluble in water*

*Degradability: Slowly biodegradable in aerobic conditions.*

**TRANSPORT INFORMATION**

*Not classified as hazardous for transport by air, sea, or road.*

*Proper Shipping Name: Not specified*

*DOT Hazard Class: Non-regulated*

*Un/NA ID: Not regulated*

*Packing Group: Not Applicable*

*Labels: Not Regulated*

*Marine Pollutant: No*

*NAER Guidebook: Not Regulated*

*DOT Status: Not Regulated*

**REGULATOR INFORMATION**

*TSCA: All components of this product are listed on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12 (b). Export Notification Rule, they will be listed below.*

<i>TSCA 12(b) Component</i>	<i>Listed under TSCA Section</i>
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*SARA-Section 313 Emissions Reporting:*

<i>Component</i>	<i>Reporting Threshold</i>
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*SARA-Section 311/312: No components present in this product are subject to the reporting requirements of this statute.*

*CERCLA Hazardous Substances and their Reportable Quantities:*

<i>Component</i>	<i>Reportable Quantity</i>
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*California Prop. 65 requires manufactures or distributors of consumer products into the State of California to provide a warning statement if the product contains ingredients for which the State has found to cause cancer, birth defects or other reproductive harm. If this product contains an ingredient listed by the State of California to cause cancer or reproductive toxicity, it will be listed below:*

No such components in this product.

**SECTION 313 SUPPLIER NOTIFICATION**

**Not applicable.**



***OTHER INFORMATION:***

Disclaimer of Liability:

Caution! Do not use Accu-Glass Products, Inc. products or materials in applications involving implantation within the body; direct or indirect contact with the blood pathway; contact with bones, tissue, tissue fluid, or blood; or prolonged contact with mucous membranes. Products offered by Accu-Glass Products, Inc. are not designed or manufactured for use in implantation in the human body or in contact with internal body fluids or tissues. Accu-Glass Products, Inc. will not provide to customers making devices for such applications any notice, certification or information necessary for such medical device use required by US FDA (Food and Drug Administration) regulation or any other statute.

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