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Date of issue: 10/9/2015

**SAFETY DATA SHEET**  
**PETRO WAX**

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

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**Identification of the substance or preparation**  
PETRO WAX

**Use of substance/preparation:**

Petro Wax is a specially blended petroleum derivative developed to transfer motion from a test object to the motion sensor. It provides a convenient temporary mounting alternative to studs and adhesives for modal analysis by facilitating quick and easy mounting to irregular surfaces in nearly any convenient special coordinate system.

In conjunction with the sensor, the Petro Wax forms a heavily damped spring-mass system. The sensor's usable frequency response thus becomes a function of transducer mass, mounting area, depth of wax and test temperature. This mounting technique is primarily for use at room temperature and is not generally intended for tests at low or high temperatures except when used in conjunction with other mechanical means, such as a magnet. Petro Wax can be used with magnets to eliminate contaminated data resulting from rattling on dirt or irregular mounting surfaces.

Petro Wax is also excellent for sealing transducers and cable connectors for use in humid, caustic, hostile and underwater environments.

This product is a blend of components produced by processors and manufacturers of specific primary chemicals. This Safety Data Sheet is a compilation and interpretation of the information provided by these sources.

**Company identification**

Katt & Associates  
197 Bacon Rd NW, Carrollton, Ohio 44615  
Phone: 330-316-4206

**Emergency telephone number**

Chemtrec (24hrs): 800-424-9300

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**2. HAZARDS IDENTIFICATION**

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GHS Classification :Not classified as dangerous under EC/GHS-criteria

Human Health Hazards :None

Physico-chemical and environmental hazards and effects: None

**5 Microcrystalline Wax**

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**HMIS RATING USA**

Health: 0	Flammability: 1	Reactivity: 0	PPI: -
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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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INGREDIENT	% BY WEIGHT	CAS #	HAZARD	DANGER SYMBOL(S)
Microcrystalline Waxes	100	63231-60-7		

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**4. FIRST AID MEASURES**

**Swallowing**

WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. This is not a toxic substance.

**Inhalation**

No emergency care anticipated. WHEN MOLTEN ONLY (molten product can cause thermal burns). Obtain medical attention immediately. Exposed persons should be kept under medical observation for at least 48 hours because delayed effects may occur.

**Skin**

WHEN MOLTEN ONLY (molten product can cause thermal burns) – In serious cases, use emergency shower immediately. Immediately flush skin thoroughly with cold water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention.

**Eye contact**

WHEN MOLTEN ONLY (molten product can cause thermal burns) – Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

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**5. FIRE-FIGHTING MEASURES**

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<b>Flash Point:</b> >93.4C (200F)
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**NFPA CLASSIFICATION USA**

Health: 0	Flammability: 1	Reactivity: 0	Special provisions: -
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**Extinguishing media**

Suitable: Treat as an oil fire:  
- dry chemical  
- carbon dioxide (in case of small fires)  
- water fog  
- foam

### 5 Microcrystalline Wax

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**Unsuitable:** Do not use water jet. Oil will float on water and can spread any fire.

**Special fire fighting procedures**

Do not direct a solid stream of water or foam into burning material; this may cause spattering and spread the fire.

**Special protective equipment for firefighters** Self-contained breathing apparatus.

**Unusual fire and explosion hazards**

Following products may be produced during a fire: Oxides of carbon.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions**

Wear suitable protective equipment.

**Environmental precautions**

Avoid runoff to sewers or waterways. Dike area of spill to prevent spreading and pump liquid to salvage tank. Waste: avoid washing into watercourses. Use methods consistent with local regulations or incinerate.

**Methods for cleaning up**

Dike to contain spill. Absorb on inert material such as sand, earth, vermiculite. After cooling, scrape and/or shovel material. Stop the leak if it can be done without risk. Floor may be slippery; use care to avoid falling.

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## 7. HANDLING AND STORAGE

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**HANDLING**

Do not handle at temperatures >+90C.

**Ventilation**

General (mechanical) room ventilation is expected to be satisfactory for use at room temperature.

**STORAGE Storage requirements**

Store in a dry place. Keep container tightly closed. Keep out of strong sunlight. Do not store at temperatures: >+90C.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**EXPOSURE LIMIT VALUES**

No exposure limits have been established.

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**OCCUPATIONAL EXPOSURE CONTROLS**

**Respiratory protection** None expected to be needed.

**Hand protection/protective gloves**

Wear oil resistant gloves. WHEN MOLTEN ONLY: wear gloves impervious to this material.

**Eye protection**

WHEN MOLTEN ONLY: Face shield or chemical splash goggles in case of splashing.

**Skin protection**

WHEN MOLTEN ONLY: Wear protective clothing, such as long sleeves to minimize skin contact.

**Environmental Exposure Controls:** None expected to be needed.

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**9. FIRST AID MEASURES**

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**Appearance**

Physical State: Solid  
Color: Blue, red, or opaque  
Odor: None or Mild Petroleum Odor  
Threshold: N/A

**Important health, safety and environmental information**

Flash Point: >93.4C (200F) Method: PMCC, ASTM D93

Upper explosion limits: Not determined  
Lower explosion limits: Not determined  
Vapor Pressure: <0.1 kPa at 20C  
Density: >0.80 g/cm<sup>3</sup> at 20C  
Bulk Density: Not available  
Solubility in Water: Insoluble  
Solubility in organic solvents: Soluble  
Kinematic viscosity: 13 – 18 mm<sup>2</sup>/s at 100C  
Boiling Point: > 230C  
PH: N/A  
Specific gravity (H<sub>2</sub>O=1) <1  
Partitioning coefficient log POW: >6 This product is soluble in oil.  
Vapor Density: N/A  
Percent volatiles Nil  
Autoignition Temperature: No Data  
Melting Point: 54 - 102C unless specified below

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## 10. STABILITY AND REACTIVITY

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**Stability:** Stable

**Conditions/Materials to avoid:** Extreme temperature and direct sunlight/ultraviolet light and strong oxidizing agents.

**Hazardous combustion products**

Burning can produce the following combustion products: Oxides of carbon and Soot **Hazardous**

**polymerization:** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**GENERAL**

No evidence of harmful effects from available information.

**Carcinogenicity:**

Not classified as a carcinogen. Nota N applies since the full refining history is known and it can be shown that the substances from which the petroleum jelly was produced are not a carcinogen.

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## 12. ECOLOGICAL INFORMATION

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This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant.

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of in accordance with appropriate Federal, State and local regulations or incinerate.

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## 14. TRANSPORT INFORMATION

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**ADR/RID**

(when transported at <100C ) This product is not regulated by ADR. Not US DOT regulated.

**5 Microcrystalline Wax**

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When transported above >100C – UN3257 ELEVATED TEMPERAURE LIQUIDS, N.O.S. (9), III, **Class: 9** (M9), **UN No.:** 3257, **Packaging Group:** III, **Hazard No.:** 99, **Label:** 9, **Technical Description:** Microcrystalline Wax

Freight Description Road: 65 Petroleum Oil, N.O.I.B.N.

**IMDG/ICAO**

This product is not regulated by IMDG/ICAO.

FORBIDDEN BY AIR @ >= 100C

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## 15. REGULATORY INFORMATION

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**EC/GHS classification**

According to EC/GHS regulations this product is not classified or labeled

**New Jersey Worker and Community Right-To-Know Act (Labeling Requirements) Chemical name**

<b>CAS#</b>	<b>New Jersey TS Number</b>
Microcrystalline Wax	63231-60-7

**EPA Hazard Categories (SARA 311, 312):** None

**Chemical Inventory**

<u>Canada:</u>	The ingredients of this product are on the DSL.
<u>Europe:</u>	The ingredients of this product are on the EINECS inventory.
<u>United States:</u>	The ingredients of this product are on the TSCA inventory.
<u>Australia:</u>	The ingredients of this product are on the AICS inventory.
<u>Japan:</u>	The ingredients of this product are on the ENCS inventory.
<u>WHMIS</u>	The ingredients are not controlled by WHMIS

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## 16. OTHER INFORMATION

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**Further information, Europe**

Where appropriate, use CE approved personal protection equipment.

This Safety Data Sheet conforms to EC Directive 1907/2006 and amendments.

This product is a blend of components produced by processors and manufacturers of specific primary chemicals. This Safety Data Sheet is a compilation and interpretation of the information provided by these sources.

The opinions expressed herein are those of qualified experts at these sources. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Katt & Associates, it is the user's obligation to determine the conditions of safe use of the products.