

# **Safety Data Sheet**

Copyright, 2016 Meguiar's, Inc.

All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing Meguiar's, Inc. products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from Meguiar's, Inc., and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

 Document Group:
 36-4891-2
 Version Number:
 2.00

 Issue Date:
 08/15/16
 Supercedes Date:
 07/21/16

# **SECTION 1: Identification**

### 1.1. Product identifier

MB06, Mirror Bright Paste Wax (26-97A)

### 1.2. Recommended use and restrictions on use

#### Recommended use

Automotive, Paste wax for exterior of car

1.3. Supplier's details

MANUFACTURER: Meguiar's, Inc. DIVISION: Meguiar's

**ADDRESS:** 17991 Mitchell South, Irvine, CA 92614, USA

**Telephone:** 949-752-8000 (Fax: 949-752-5784)

### 1.4. Emergency telephone number

CHEMTREC 1-800-424-9300 (24 hours)

# **SECTION 2: Hazard identification**

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. This information may be different from the actual product label information for labels regulated by other agencies.

# 2.1. Hazard classification

Flammable Solid: Category 1.

Skin Corrosion/Irritation: Category 2.

Specific Target Organ Toxicity (single exposure): Category 3.

### 2.2. Label elements

# Signal word

Danger

#### **Symbols**

Flame | Exclamation mark |

Page 1 of 11

# **Pictograms**



#### **Hazard Statements**

Flammable solid.

Causes skin irritation.

May cause drowsiness or dizziness.

# **Precautionary Statements**

#### **Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves and eye/face protection.

Wash thoroughly after handling.

### **Response:**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Call a POISON CENTER or doctor/physician if you feel unwell.

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

# Disposal:

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

#### 2.3. Hazards not otherwise classified

None.

9% of the mixture consists of ingredients of unknown acute oral toxicity.

9% of the mixture consists of ingredients of unknown acute dermal toxicity.

55% of the mixture consists of ingredients of unknown acute inhalation toxicity.

# **SECTION 3: Composition/information on ingredients**

Ingredient	C.A.S. No.	% by Wt
Petroleum Distillates	64742-48-9	30 - 60 Trade Secret *
Petroleum Distillates	64742-47-8	5 - 10 Trade Secret *

**Page** 2 **of** 11

Any remaining components do not contribute to the hazards of this material.

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

### **Inhalation:**

Remove person to fresh air. If you feel unwell, get medical attention.

#### **Skin Contact:**

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

### **Eye Contact:**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

### If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

# 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

### 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

# **SECTION 5: Fire-fighting measures**

### 5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

### 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

# **Hazardous Decomposition or By-Products**

Substance Condition Formaldehyde **During Combustion** Carbon monoxide **During Combustion** Carbon dioxide **During Combustion During Combustion** Irritant Vapors or Gases

# 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause

**Page** 3 **of** 11

flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

# 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Do not use in a confined area with minimal air exchange. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.) Wear low static or properly grounded shoes. To minimize the risk of ignition, determine applicable electrical classifications for the process using this product and select specific local exhaust ventilation equipment to avoid flammable vapor accumulation. Ground/bond container and receiving equipment if there is potential for static electricity accumulation during transfer.

# 7.2. Conditions for safe storage including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store away from heat. Store away from acids. Store away from oxidizing agents.

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

# Occupational exposure limits

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	<b>Additional Comments</b>
Aluminum, insoluble compounds	1344-28-1	ACGIH	TWA(respirable fraction):1	A4: Not class. as human
			mg/m3	carcin
Aluminum Oxide	1344-28-1	OSHA	TWA(as total dust):15	
			mg/m3;TWA(respirable	
			fraction):5 mg/m3	
Naphtha	64742-48-9	OSHA	TWA:400 mg/m3(100 ppm)	
Petroleum Distillates	64742-48-9	Manufacturer	TWA:100 ppm	
		determined		
Organic Salt (NJTSRN	Trade	ACGIH	TWA(respirable fraction):1	A4: Not class. as human
04499600-6842)	Secret		mg/m3	carcin

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CMRG: Chemical Manufacturer's Recommended Guidelines

OSHA: United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average STEL: Short Term Exposure Limit

CEIL: Ceiling

Pogo 4 of 11

### 8.2. Exposure controls

# 8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

### 8.2.2. Personal protective equipment (PPE)

### **Eye/face protection**

None required.

# Skin/hand protection

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Note: Nitrile gloves may be worn over polymer laminate gloves to improve dexterity. Gloves made from the following material(s) are recommended: Polymer laminate

### **Respiratory protection**

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

**General Physical Form:**Specific Physical Form:
Specific Physical Form:
Solid
Paste

Odor, Color, Grade: Pleasant odor. Cream colored paste.

Odor thresholdNo Data AvailablepHNot ApplicableMelting pointNot ApplicableBoiling Point>= 285 °F

**Flash Point** 150 °F [*Test Method:* Pensky-Martens Closed Cup]

**Evaporation rate** No Data Available

Flammability (solid, gas) Flammable Solid: Category 1. Flammable Solid: Category 1.

Flammable Limits(LEL)

Flammable Limits(UEL)

Vapor Pressure

Vapor Density

No Data Available
0.85 g/cm3

Specific Gravity 0.85 [Ref Std: WATER=1]

Solubility in Water Nil

Solubility- non-water
Partition coefficient: n-octanol/ water
Autoignition temperature
No Data Available

Dogo 5 of 11

**Volatile Organic Compounds** 44.72 % weight **VOC Less H2O & Exempt Solvents** 461.99 g/l

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

### 10.2. Chemical stability

Stable.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat

Sparks and/or flames

### 10.5. Incompatible materials

Strong acids

Strong oxidizing agents

# 10.6. Hazardous decomposition products

Substance

**Condition** 

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

# **SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

# 11.1. Information on Toxicological effects

### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

# Inhalation:

May be harmful if inhaled.

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May cause additional health effects (see below).

# **Skin Contact:**

May be harmful in contact with skin.

Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain.

**Page** 6 **of** 11

# **Eye Contact:**

Contact with the eyes during product use is not expected to result in significant irritation.

# **Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May cause additional health effects (see below).

### **Additional Health Effects:**

# Single exposure may cause target organ effects:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

# **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity** 

Name	Route	Species	Value
Overall product	Dermal		No data available; calculated ATE 2,000 - 5,000
			mg/kg
Overall product	Inhalation-		No data available; calculated ATE 20 - 50 mg/l
	Vapor(4 hr)		
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg
Petroleum Distillates	Inhalation-		LC50 estimated to be 20 - 50 mg/l
	Vapor		
Petroleum Distillates	Dermal	Rabbit	LD50 > 3,000 mg/kg
Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Kaolin, calcined	Dermal		LD50 estimated to be 2,000 - 5,000 mg/kg
Kaolin, calcined	Ingestion	Rat	LD50 > 2,000 mg/kg
POLY(DIMETHYLSILOXANE)	Dermal	Rabbit	LD50 > 19,400 mg/kg
POLY(DIMETHYLSILOXANE)	Ingestion	Rat	LD50 > 17,000 mg/kg
Fatty acids, montan-wax, ethylene esters	Dermal		LD50 estimated to be > 5,000 mg/kg
Fatty acids, montan-wax, ethylene esters	Ingestion	Rat	LD50 > 2,000 mg/kg
Petroleum Distillates	Dermal	Rabbit	LD50 > 3,160 mg/kg
Petroleum Distillates	Inhalation-	Rat	LC50 > 3 mg/l
	Dust/Mist		
	(4 hours)		
Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Aluminum Oxide	Dermal		LD50 estimated to be > 5,000 mg/kg
Aluminum Oxide	Inhalation-	Rat	LC50 > 2.3 mg/l
	Dust/Mist		
	(4 hours)		
Aluminum Oxide	Ingestion	Rat	LD50 > 5,000 mg/kg
CARNAUBA WAX	Dermal		LD50 estimated to be > 5,000 mg/kg
CARNAUBA WAX	Ingestion	Rat	LD50 > 8,800 mg/kg
BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL	Dermal		LD50 estimated to be > 5,000 mg/kg
AMMONIUM SALTS WITH BENTONITE			
BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL	Inhalation-	Rat	LC50 > 12.6 mg/l
AMMONIUM SALTS WITH BENTONITE	Dust/Mist		
	(4 hours)		
BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL	Ingestion	Rat	LD50 > 5,000 mg/kg
AMMONIUM SALTS WITH BENTONITE			

ATE = acute toxicity estimate

**Page** 7 **of** 11

# **Skin Corrosion/Irritation**

Name	Species	Value
Petroleum Distillates	Rabbit	Irritant
POLY(DIMETHYLSILOXANE)	Rabbit	No significant irritation
Petroleum Distillates	Rabbit	Mild irritant
Aluminum Oxide	Rabbit	No significant irritation
CARNAUBA WAX	Professio	No significant irritation
	nal	
	judgeme	
	nt	
BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL AMMONIUM	Rat	No significant irritation
SALTS WITH BENTONITE		

Serious Eve Damage/Irritation

Name	Species	Value
Petroleum Distillates	Rabbit	No significant irritation
POLY(DIMETHYLSILOXANE)	Rabbit	No significant irritation
Petroleum Distillates	Rabbit	Mild irritant
Aluminum Oxide	Rabbit	No significant irritation
CARNAUBA WAX	Professio	No significant irritation
	nal	
	judgeme	
	nt	
BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL AMMONIUM	Rabbit	No significant irritation
SALTS WITH BENTONITE		

# **Skin Sensitization**

Name	Species	Value
Petroleum Distillates	Guinea	Not sensitizing
	pig	
Petroleum Distillates	Guinea	Not sensitizing
	pig	

# **Respiratory Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

**Germ Cell Mutagenicity** 

Name	Route	Value
Petroleum Distillates	In vivo	Not mutagenic
Petroleum Distillates	In Vitro	Some positive data exist, but the data are not sufficient for classification
Petroleum Distillates	In Vitro	Not mutagenic
Aluminum Oxide	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Petroleum Distillates	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Petroleum Distillates	Inhalation	Human and animal	Some positive data exist, but the data are not sufficient for classification
Petroleum Distillates	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification
Aluminum Oxide	Inhalation	Rat	Not carcinogenic

# **Reproductive Toxicity**

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
Petroleum Distillates	Inhalation	Not toxic to development	Rat	NOAEL 2.4 mg/l	during organogenesi s

# Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Petroleum Distillates	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Petroleum Distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Petroleum Distillates	Inhalation	nervous system	Some positive data exist, but the data are not sufficient for classification	Dog	NOAEL 6.5 mg/l	4 hours
Petroleum Distillates	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professio nal judgeme nt	NOAEL Not available	
Petroleum Distillates	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
Petroleum Distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
Petroleum Distillates	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professio nal judgeme nt	NOAEL Notavailable	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
Petroleum Distillates	Inhalation	nervous system	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 4.6 mg/l	6 months
Petroleum Distillates	Inhalation	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 1.9 mg/l	13 weeks
Petroleum Distillates	Inhalation	respiratory system	Some positive data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL 0.6 mg/l	90 days
Petroleum Distillates	Inhalation	bone, teeth, nails, and/or hair   blood   liver   muscles	All data are negative	Rat	NOAEL 5.6 mg/l	12 weeks
Petroleum Distillates	Inhalation	heart	All data are negative	Multiple animal species	NOAEL 1.3 mg/l	90 days
Aluminum Oxide	Inhalation	pneumoconiosis   pulmonary fibrosis	Some positive data exist, but the data are not sufficient for classification	Human	NOAEL Not available	occupational exposure

# **Aspiration Hazard**

Name	Value
Petroleum Distillates	Aspiration hazard
Petroleum Distillates	Aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

# **SECTION 12: Ecological information**

# **Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

### Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

# **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

# **SECTION 14: Transport Information**

# DOTG:

LIMITED QUANTITY

### DOTW:

UN1325, FLAMMABLE SOLID, ORGANIC, N.O.S., (HYDROTREATED HEAVY NAPHTHA (PETROLEUM) AND HYDROTREATED LIGHT PETROLEUM DISTILLATES), 4.1, II, LIMITED QUANTITY

# IATA:

UN1325, FLAMMABLE SOLID, ORGANIC, N.O.S., (HYDROTREATED HEAVY NAPHTHA (PETROLEUM) AND HYDROTREATED LIGHT PETROLEUM DISTILLATES), 4.1, II

#### IMO:

UN1325, FLAMMABLE SOLID, ORGANIC, N.O.S., (HYDROTREATED HEAVY NAPHTHA (PETROLEUM) AND HYDROTREATED LIGHT PETROLEUM DISTILLATES), 4.1, II, LIMITED QUANTITY

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

# **SECTION 15: Regulatory information**

# 15.1. US Federal Regulations

Contact manufacturer for more information

311/312 Hazard Categories:

Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

# Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

<u>Ingredient</u>	C.A.S. No	<u>% by Wt</u>
Aluminum Oxide	1344-28-1	Trade Secret 1 - 5
Aluminum Oxide (ALUMINUM OXIDE	1344-28-1	1 - 5
(FIBROUS FORMS ONLY))		

#### 15.2. State Regulations

Contact manufacturer for more information

### 15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact manufacturer for more information

### 15.4. International Regulations

Contact manufacturer for more information

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

# **SECTION 16: Other information**

### NFPA Hazard Classification

Health: 2 Flammability: 2 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

**Document Group:** 36-4891-2 **Version Number:** 2.00 08/15/16 07/21/16 **Issue Date: Supercedes Date:** 

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. Meguiar's, Inc. MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Meguiar's, Inc. product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Meguiar's, Inc. product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Meguiar's, Inc. product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Meguiar's, Inc. provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, Meguiar's, Inc. makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from Meguiar's, Inc.

# Meguiar's, Inc. USA SDSs are available at www.Meguiars.com