



287-025

Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

M03, Machine Glaze (26-16A): M0316, M0364

Product Identification Numbers

14-1000-1146-0, 14-1000-1151-0

1.2. Recommended use and restrictions on use

Recommended use
Automotive

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

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word
Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

Notes to Physician:

Not applicable

2.3. Hazards not otherwise classified

None.

2% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|-----------------------|-------------------|------------------------|
| WATER | 7732-18-5 | 50 - 70 Trade Secret * |
| PETROLEUM DISTILLATES | 64742-47-8 | 7 - 13 Trade Secret * |
| CALCINED KAOLIN | 92704-41-1 | 7 - 13 Trade Secret * |
| PETROLEUM DISTILLATES | 8042-47-5 | 5 - 10 Trade Secret * |
| CONDITIONERS | Trade Secret* | < 5 Trade Secret * |
| GLYCERIN | 56-81-5 | 1 - 5 Trade Secret * |

*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:

Wash with soap and water. 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**

Hydrocarbons
Carbon monoxide
Carbon dioxide

Condition

During Combustion
During Combustion
During Combustion

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate area. Ventilate the area with fresh air. 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. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with detergent and water. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. 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.)

7.2. Conditions for safe storage including any incompatibilities

Store away from heat. Store away from acids. Store away from strong bases. Store away from oxidizing agents. Store away from areas where product may come into contact with food or pharmaceuticals.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits**

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|------------|------------|-------------------------|--|---------------------|
| GLYCERIN | 56-81-5 | US Dept of Labor - OSHA | TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3 | |

| | | | | |
|-----------------------------------|------------|--------------------------------|--|---------------|
| Kerosine (petroleum) | 64742-47-8 | Amer Conf of Gov. Indust. Hyg. | TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m3 | Skin Notation |
| PETROLEUM DISTILLATES | 64742-47-8 | Chemical Manufacturer Rec Guid | TWA:165 ppm | |
| MINERAL OILS, HIGHLY-REFINED OILS | 8042-47-5 | Amer Conf of Gov. Indust. Hyg. | TWA(inhalable fraction):5 mg/m3 | |
| Paraffin oil | 8042-47-5 | US Dept of Labor - OSHA | TWA(as mist):5 mg/m3 | |
| PETROLEUM DISTILLATES | 8042-47-5 | Chemical Manufacturer Rec Guid | TWA:5 mg/m3;STEL:10 mg/m3 | |

Amer Conf of Gov. Indust. Hyg. : American Conference of Governmental Industrial Hygienists

American Indust. Hygiene Assoc : American Industrial Hygiene Association

Chemical Manufacturer Rec Guid : Chemical Manufacturer's Recommended Guidelines

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

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

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.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

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.

Gloves made from the following material(s) are recommended: Neoprene

Respiratory protection

Wear respiratory protection if ventilation is inadequate to prevent overexposure. 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: | Liquid |
| Odor, Color, Grade: | No appreciable odor; White, viscous lotion |
| Odor threshold | <i>No Data Available</i> |
| pH | 6 - 6.75 |
| Melting point | <i>Not Applicable</i> |
| Boiling Point | 390 °F |
| Flash Point | Flash point > 93 °C (200 °F) |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | <i>No Data Available</i> |
| Flammable Limits(UEL) | <i>No Data Available</i> |
| Vapor Pressure | <i>No Data Available</i> |
| Vapor Density | <i>No Data Available</i> |
| Density | 1 - 1.03 g/cm3 |
| Specific Gravity | 1.00 - 1.03 [Ref Std: WATER=1] |
| Solubility in Water | Moderate |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Viscosity | 2,500 - 8,500 centipoise |
| Volatile Organic Compounds | <=12.1 % weight [Test Method: calculated per CARB title 2] |
| Volatile Organic Compounds | 200 g/l [Test Method: calculated SCAQMD rule 443.1] |
| VOC Less H2O & Exempt Solvents | 546 g/l [Test Method: calculated SCAQMD rule 443.1] |

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 bases

Strong oxidizing agents

10.6. Hazardous decomposition products**Substance**

None known.

Condition

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:

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

Skin Contact:

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

Eye Contact:

Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Ingestion:

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

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 | Ingestion | | No data available; calculated ATE > 5,000 mg/kg |
| PETROLEUM DISTILLATES | Dermal | Rabbit | LD50 > 3,160 mg/kg |
| PETROLEUM DISTILLATES | Inhalation-Dust/Mist (4 hours) | Rat | LC50 > 3.0 mg/l |
| PETROLEUM DISTILLATES | Ingestion | Rat | LD50 > 5,000 mg/kg |
| CALCINED KAOLIN | Ingestion | Rat | LD50 > 2,000 mg/kg |
| PETROLEUM DISTILLATES | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| PETROLEUM DISTILLATES | Ingestion | Rat | LD50 > 5,000 mg/kg |
| GLYCERIN | Dermal | Rabbit | LD50 estimated to be > 5,000 mg/kg |
| GLYCERIN | Ingestion | Rat | LD50 > 5,000 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------------|---------|---------------|
| PETROLEUM DISTILLATES | Rabbit | Mild irritant |

| | | |
|-----------------------|--------|---|
| CALCINED KAOLIN | | Data not available or insufficient for classification |
| PETROLEUM DISTILLATES | Rabbit | No significant irritation |
| GLYCERIN | Rabbit | No significant irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-----------------------|---------|---|
| PETROLEUM DISTILLATES | Rabbit | Mild irritant |
| CALCINED KAOLIN | | Data not available or insufficient for classification |
| PETROLEUM DISTILLATES | Rabbit | Mild irritant |
| GLYCERIN | Rabbit | No significant irritation |

Skin Sensitization

| Name | Species | Value |
|-----------------------|------------|---|
| PETROLEUM DISTILLATES | Guinea pig | Not sensitizing |
| CALCINED KAOLIN | | Data not available or insufficient for classification |
| PETROLEUM DISTILLATES | Guinea pig | Not sensitizing |
| GLYCERIN | Guinea pig | Not sensitizing |

Respiratory Sensitization

| Name | Species | Value |
|-----------------------|---------|---|
| PETROLEUM DISTILLATES | | Data not available or insufficient for classification |
| CALCINED KAOLIN | | Data not available or insufficient for classification |
| PETROLEUM DISTILLATES | | Data not available or insufficient for classification |
| GLYCERIN | | Data not available or insufficient for classification |

Germ Cell Mutagenicity

| Name | Route | Value |
|-----------------------|----------|---|
| PETROLEUM DISTILLATES | In Vitro | Not mutagenic |
| CALCINED KAOLIN | | Data not available or insufficient for classification |
| PETROLEUM DISTILLATES | In Vitro | Not mutagenic |
| GLYCERIN | | Data not available or insufficient for classification |

Carcinogenicity

| Name | Route | Species | Value |
|-----------------------|------------|-------------------------|--|
| PETROLEUM DISTILLATES | Dermal | Mouse | Some positive data exist, but the data are not sufficient for classification |
| CALCINED KAOLIN | | | Data not available or insufficient for classification |
| PETROLEUM DISTILLATES | Dermal | Mouse | Not carcinogenic |
| PETROLEUM DISTILLATES | Inhalation | Multiple animal species | Not carcinogenic |
| GLYCERIN | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity**Reproductive and/or Developmental Effects**

| Name | Route | Value | Species | Test Result | Exposure Duration |
|-----------------------|-----------|---|---------|-----------------------------|-------------------|
| CALCINED KAOLIN | | Data not available or insufficient for classification | | | |
| PETROLEUM DISTILLATES | Ingestion | Not toxic to female reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| PETROLEUM DISTILLATES | Ingestion | Not toxic to male reproduction | Rat | NOAEL 4,350 mg/kg/day | 13 weeks |
| PETROLEUM DISTILLATES | Ingestion | Not toxic to development | Rat | NOAEL 4,350 mg/kg/day | during gestation |

| | | | | | |
|----------|-----------|----------------------------------|-----|-----------------------------|--------------|
| GLYCERIN | Ingestion | Not toxic to female reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| GLYCERIN | Ingestion | Not toxic to male reproduction | Rat | NOAEL 2,000 mg/kg/day | 2 generation |
| GLYCERIN | Ingestion | Not toxic to development | Rat | NOAEL 2,000 mg/kg/day | 2 generation |

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 | | NOAEL Not available | |
| PETROLEUM DISTILLATES | Inhalation | respiratory irritation | Some positive data exist, but the data are not sufficient for classification | | NOAEL Not available | |
| CALCINED KAOLIN | | | Data not available or insufficient for classification | | | |
| PETROLEUM DISTILLATES | | | Data not available or insufficient for classification | | | |
| GLYCERIN | | | Data not available or insufficient for classification | | | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-----------------------|------------|---|--|---------|------------------------------|-------------------|
| CALCINED KAOLIN | | | Data not available or insufficient for classification | | | |
| PETROLEUM DISTILLATES | Ingestion | hematopoietic system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,381 mg/kg/day | 90 days |
| PETROLEUM DISTILLATES | Ingestion | liver immune system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 1,336 mg/kg/day | 90 days |
| GLYCERIN | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 3.91 mg/l | 14 days |
| GLYCERIN | Inhalation | heart liver kidney and/or bladder | All data are negative | Rat | NOAEL 3.91 mg/l | 14 days |
| GLYCERIN | Ingestion | endocrine system hematopoietic system liver kidney and/or bladder | All data are negative | Rat | NOAEL 10,000 mg/kg/day | 2 years |

Aspiration Hazard

| Name | Value |
|-----------------------|--------------------------|
| PETROLEUM DISTILLATES | Aspiration hazard |
| CALCINED KAOLIN | Not an aspiration hazard |
| PETROLEUM DISTILLATES | Aspiration hazard |
| GLYCERIN | Not an 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, Dispose of waste product in a permitted industrial waste facility. Proper destruction may require the use of additional fuel during incineration processes. 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

General Transportation Statement: This product does not require classification by DOT, IATA, ICAO or IMDG.

ID Number(s):

14-1000-1146-0, 14-1000-1151-0

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

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: 1 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.

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|-----------------|-----------|------------------|----------|
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| Issue Date: | 01/23/14 | Supersedes Date: | 12/06/13 |

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