



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

Mirror Glaze® Vinyl & Rubber Cleaner & Conditioner (Professional) M40 [M4001 M4005 M4016]

#### Product Identification Numbers

14-1000-1225-2, 14-1000-1226-0, 14-1000-1227-8, 14-1000-1228-6, 14-1000-1229-4, 14-1000-1230-2, 14-1001-1892-7  
7100178619, 7100178620, 7100178621, 7100216362, 7100216395

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Automotive, Rubber and vinyl protectant

#### 1.3. Supplier's details

|                      |                                     |
|----------------------|-------------------------------------|
| <b>MANUFACTURER:</b> | Meguiar's, Inc.                     |
| <b>DIVISION:</b>     | Meguiar's                           |
| <b>ADDRESS:</b>      | 213 Technology Dr, Irvine, CA 92618 |
| <b>Telephone:</b>    | 1-800-347-5700                      |

#### 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

Serious Eye Damage/Irritation: Category 2A.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Exclamation mark |

**Pictograms****Hazard Statements**

Causes serious eye irritation.

**Precautionary Statements****General:**

Keep out of reach of children.

**Prevention:**

Wear eye/face protection.

Wash thoroughly after handling.

**Response:**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

### SECTION 3: Composition/information on ingredients

| Ingredient                                   | C.A.S. No. | % by Wt                |
|--|------------|------------------------|
| Water  | 7732-18-5  | 60 - 80 Trade Secret * |
| POLY(DIMETHYLSILOXANE)                       | 63148-62-9 | 10 - 25 Trade Secret * |
| Propylene Glycol                             | 57-55-6    | < 3 Trade Secret *     |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | 78330-21-9 | < 2 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:**

If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

**Eye Contact:**

Immediately flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. 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**

No critical symptoms or effects. 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. Use a fire fighting agent suitable for the surrounding fire.

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

None inherent in this product.

### Hazardous Decomposition or By-Products

| <u>Substance</u>         | <u>Condition</u>  |
|--------------------------|-------------------|
| Formaldehyde             | During Combustion |
| Carbon monoxide          | During Combustion |
| Carbon dioxide           | During Combustion |
| Irritant Vapors or Gases | During Combustion |

### 5.3. Special protective actions for fire-fighters

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS. Evacuate area. 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.

### 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 water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid eye contact. 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 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               | Additional Comments |
|------------------|------------|--------|--------------------------|---------------------|
| Propylene Glycol | 57-55-6    | AIHA   | TWA(as aerosol):10 mg/m3 |                     |

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

**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

Indirect Vented Goggles

**Skin/hand protection**

No chemical protective gloves are required.

**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****Appearance**

Physical state

Liquid

Color

Blue

Specific Physical Form:

Emulsion

Odor

Weak Leather

|   |                              |
|---|------------------------------|
| Odor threshold                          | <i>No Data Available</i>     |
| pH                                      | 10.25 - 11.25                |
| Melting point                           | <i>Not Applicable</i>        |
| Boiling Point                           | 212 °F                       |
| Flash Point                             | Flash point > 93 °C (200 °F) |
| Evaporation rate                        | <i>No Data Available</i>     |
| Flammability (solid, gas)               | <i>Not Applicable</i>        |
| Flammable Limits(LEL)                   | <i>Not Applicable</i>        |
| Flammable Limits(UEL)                   | <i>Not Applicable</i>        |
| Vapor Pressure                          | <i>No Data Available</i>     |
| Vapor Density                           | <i>No Data Available</i>     |
| Density                                 | 1 g/ml                       |
| Specific Gravity                        | 1 [Ref Std: WATER=1]         |
| Solubility in Water                     | Complete                     |
| Solubility- non-water                   | <i>No Data Available</i>     |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i>     |
| Autoignition temperature                | <i>Not Applicable</i>        |
| Decomposition temperature               | <i>No Data Available</i>     |
| Viscosity                               | <i>No Data Available</i>     |
| Molecular weight                        | <i>No Data Available</i>     |
| Volatile Organic Compounds              | 2.3 % weight                 |
| VOC Less H2O & Exempt Solvents          | <i>No Data Available</i>     |

## 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

### 10.5. Incompatible materials

Strong acids

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:

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

#### Eye Contact:

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired 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                              | Dermal    |                         | No data available; calculated ATE >5,000 mg/kg |
| Overall product                              | Ingestion |                         | No data available; calculated ATE >5,000 mg/kg |
| POLY(DIMETHYLSILOXANE)                       | Dermal    | Multiple animal species | LD50 > 2,000 mg/kg                             |
| POLY(DIMETHYLSILOXANE)                       | Ingestion | Rat                     | LD50 > 5,000 mg/kg                             |
| Propylene Glycol                             | Dermal    | Rabbit                  | LD50 20,800 mg/kg                              |
| Propylene Glycol                             | Ingestion | Rat                     | LD50 22,000 mg/kg                              |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | Dermal    | Rat                     | LD50 > 2,000 mg/kg                             |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | Ingestion | Rat                     | LD50 500-2000 mg/kg                            |

ATE = acute toxicity estimate

#### Skin Corrosion/Irritation

| Name   | Species          | Value                     |
|--|------------------|---------------------------|
| POLY(DIMETHYLSILOXANE)                       | Human and animal | No significant irritation |
| Propylene Glycol                             | Rabbit           | No significant irritation |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | Rabbit           | Mild irritant             |

#### Serious Eye Damage/Irritation

| Name   | Species | Value                     |
|--|---------|---------------------------|
| POLY(DIMETHYLSILOXANE)                       | Rabbit  | No significant irritation |
| Propylene Glycol                             | Rabbit  | No significant irritation |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | Rabbit  | Corrosive                 |

#### Skin Sensitization

| Name                   | Species          | Value          |
|------------------------|------------------|----------------|
| POLY(DIMETHYLSILOXANE) | Human and animal | Not classified |

|  |       |                |
|--|-------|----------------|
| Propylene Glycol                             | Human | Not classified |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | Human | Not classified |

### 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         |
|------------------------|----------|---------------|
| POLY(DIMETHYLSILOXANE) | In Vitro | Not mutagenic |
| POLY(DIMETHYLSILOXANE) | In vivo  | Not mutagenic |
| Propylene Glycol       | In Vitro | Not mutagenic |
| Propylene Glycol       | In vivo  | Not mutagenic |

### Carcinogenicity

| Name                   | Route     | Species                 | Value            |
|------------------------|-----------|-------------------------|------------------|
| POLY(DIMETHYLSILOXANE) | Dermal    | Mouse                   | Not carcinogenic |
| POLY(DIMETHYLSILOXANE) | Ingestion | Mouse                   | Not carcinogenic |
| Propylene Glycol       | Dermal    | Mouse                   | Not carcinogenic |
| Propylene Glycol       | Ingestion | Multiple animal species | Not carcinogenic |

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

| Name                   | Route     | Value                                  | Species                 | Test Result            | Exposure Duration    |
|------------------------|-----------|--|-------------------------|------------------------|----------------------|
| POLY(DIMETHYLSILOXANE) | Ingestion | Not classified for development         | Rat                     | NOAEL 3,800 mg/kg/day  | during organogenesis |
| POLY(DIMETHYLSILOXANE) | Dermal    | Not classified for development         | Rabbit                  | NOAEL 1,000 mg/kg/day  | during organogenesis |
| Propylene Glycol       | Ingestion | Not classified for female reproduction | Mouse                   | NOAEL 10,100 mg/kg/day | 2 generation         |
| Propylene Glycol       | Ingestion | Not classified for male reproduction   | Mouse                   | NOAEL 10,100 mg/kg/day | 2 generation         |
| Propylene Glycol       | Ingestion | Not classified for development         | Multiple animal species | NOAEL 1,230 mg/kg/day  | during organogenesis |

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

| Name   | Route      | Target Organ(s)                   | Value  | Species                | Test Result         | Exposure Duration |
|--|------------|-----------------------------------|--|------------------------|---------------------|-------------------|
| Propylene Glycol                             | Ingestion  | central nervous system depression | Not classified   | Human and animal       | NOAEL Not available |                   |
| ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED | Inhalation | respiratory irritation            | Some positive data exist, but the data are not sufficient for classification | similar health hazards | NOAEL Not available |                   |

#### Specific Target Organ Toxicity - repeated exposure

| Name                   | Route     | Target Organ(s)    | Value          | Species | Test Result           | Exposure Duration |
|------------------------|-----------|--------------------|----------------|---------|-----------------------|-------------------|
| POLY(DIMETHYLSILOXANE) | Ingestion | eyes               | Not classified | Rat     | NOAEL 10% in the diet | 90 days           |
| POLY(DIMETHYLSILOXANE) | Ingestion | respiratory system | Not classified | Rat     | NOAEL 1%              | 90 days           |

|                         |           |   |                |                         |                       |           |
|-------------------------|-----------|---|----------------|-------------------------|-----------------------|-----------|
| XANE)                   |           |   |                |                         | in the diet           |           |
| POLY(DIMETHYLSILO XANE) | Ingestion | gastrointestinal tract                                  | Not classified | Multiple animal species | NOAEL 10% in the diet | 90 days   |
| POLY(DIMETHYLSILO XANE) | Ingestion | hematopoietic system                                    | Not classified | Rat                     | NOAEL 10% in the diet | 90 days   |
| POLY(DIMETHYLSILO XANE) | Ingestion | heart   liver   kidney and/or bladder   vascular system | Not classified | Rat                     | NOAEL 1% in the diet  | 90 days   |
| Propylene Glycol        | Ingestion | hematopoietic system                                    | Not classified | Multiple animal species | NOAEL 1,370 mg/kg/day | 117 days  |
| Propylene Glycol        | Ingestion | kidney and/or bladder                                   | Not classified | Dog                     | NOAEL 5,000 mg/kg/day | 104 weeks |

### Aspiration Hazard

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

**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.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration 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

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

## SECTION 15: Regulatory information

### 15.1. US Federal Regulations

Contact manufacturer for more information

#### EPCRA 311/312 Hazard Classifications:

#### Physical Hazards

Not applicable

### Health Hazards

Serious eye damage or eye irritation

## 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. All required components of this product are listed on the active portion of the TSCA Inventory.

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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