



## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Product identifier

DA Microfiber Finishing Wax (Detailer) D301 [D30101 D30116]

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

##### Recommended use

Automotive, DA-applied wax

#### 1.3. Supplier's details

|                      |   |
|----------------------|---|
| <b>MANUFACTURER:</b> | Meguiar's, Inc.                             |
| <b>DIVISION:</b>     | Meguiar's                                   |
| <b>ADDRESS:</b>      | 17991 Mitchell South, Irvine, CA 92614, USA |
| <b>Telephone:</b>    | 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

Carcinogenicity: Category 2.

#### 2.2. Label elements

##### Signal word

Warning

##### Symbols

Health Hazard |

##### Pictograms

**Hazard Statements**

Suspected of causing cancer.

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

Keep out of reach of children.

**Prevention:**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

**Response:**

IF exposed or concerned: Get medical advice/attention.

**Storage:**

Store locked up.

**Disposal:**

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

**2.3. Hazards not otherwise classified**

Repeated exposure may cause skin dryness or cracking.

1% of the mixture consists of ingredients of unknown acute oral toxicity.

1% of the mixture consists of ingredients of unknown acute dermal toxicity.

1% of the mixture consists of ingredients of unknown acute inhalation toxicity.

## SECTION 3: Composition/information on ingredients

| Ingredient                               | C.A.S. No.    | % by Wt                |
|--|---------------|------------------------|
| Water                                    | 7732-18-5     | 50 - 70 Trade Secret * |
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | 64742-48-9    | 10 - 20 Trade Secret * |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | 64742-47-8    | 5 - 10 Trade Secret *  |
| Clay                                     | Trade Secret* | 5 - 10 Trade Secret *  |
| POLY(DIMETHYLSILOXANE)                   | 63148-62-9    | 1 - 5 Trade Secret *   |
| Synthetic Hydrocarbon Mixture            | Trade Secret* | < 5 Trade Secret *     |
| Titanium Dioxide                         | 13463-67-7    | < 0.5 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 are concerned, get medical advice.

**Skin Contact:**

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

**Eye Contact:**

No need for first aid is anticipated.

**If Swallowed:**

Rinse mouth. If you are concerned, get medical advice.

**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 carbon dioxide or dry chemical extinguisher to extinguish.

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

Closed containers exposed to heat from fire may build pressure and explode.

**Hazardous Decomposition or By-Products****Substance**

Hydrocarbons  
Formaldehyde  
Carbon monoxide  
Carbon dioxide  
Irritant Vapors or Gases

**Condition**

During Combustion  
During Combustion  
During Combustion  
During Combustion  
During Combustion

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

Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. 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**

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. 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 in accordance with applicable

local/regional/national/international regulations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not use in a confined area with minimal air exchange. Keep out of reach of children. Do not handle until all safety precautions have been read and understood. 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.) Use personal protective equipment (gloves, respirators, etc.) as required.

### 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.

## 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                |
|----------------------|------------|--------|--|------------------------------------|
| Titanium Dioxide     | 13463-67-7 | ACGIH  | TWA:10 mg/m3   | A4: Not class. as human carcin     |
| Titanium Dioxide     | 13463-67-7 | OSHA   | TWA(as total dust):15 mg/m3                            |                                    |
| Kerosine (petroleum) | 64742-47-8 | ACGIH  | TWA(as total hydrocarbon vapor, non-aerosol):200 mg/m3 | A3: Confirmed animal carcin., SKIN |

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

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

When only incidental contact is anticipated, alternative glove material(s) may be used. If contact with the glove does occur,

remove immediately and replace with a set of new gloves. For incidental contact, gloves made of the following material(s) may be used: Nitrile Rubber

### 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 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  
Color

Liquid  
Blue, Gray

#### Odor

Sweet Odor

#### Odor threshold

*No Data Available*

#### pH

7.9 - 8.5

#### Melting point

*Not Applicable*

#### Boiling Point

380 °F

#### Flash Point

>= 200 °F [*Test Method*:Pensky-Martens Closed Cup]  
[*Details*:D93-90]

#### Evaporation rate

*No Data Available*

#### Flammability (solid, gas)

Not Applicable

#### Flammable Limits(LEL)

*No Data Available*

#### Flammable Limits(UEL)

*No Data Available*

#### Vapor Pressure

*No Data Available*

#### Vapor Density

*No Data Available*

#### Density

0.91 - 1.01 g/cm<sup>3</sup>

#### Specific Gravity

0.91 - 1.01 [*Ref Std*:WATER=1]

#### Solubility in Water

Moderate

#### Solubility- non-water

*No Data Available*

#### Partition coefficient: n-octanol/ water

*No Data Available*

#### Autoignition temperature

*No Data Available*

#### Decomposition temperature

*No Data Available*

#### Viscosity

23,000 centipoise - 33,000 centipoise

#### Hazardous Air Pollutants

0.00144 lb HAPS/lb solids

#### Molecular weight

*No Data Available*

#### Volatile Organic Compounds

15 % weight [*Test Method*:calculated per CARB title 2]

#### Percent volatile

*No Data Available*

#### VOC Less H<sub>2</sub>O & Exempt Solvents

516 g/l [*Test Method*:calculated SCAQMD rule 443.1]

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

### 10.2. Chemical stability

Stable.

**10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**10.4. Conditions to avoid**

Temperatures above the boiling point

**10.5. Incompatible materials**

Strong acids

Strong bases

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 cause additional health effects (see below).

**Skin Contact:**

Prolonged or repeated exposure may cause: Dermal Defatting: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

**Eye Contact:**

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

**Ingestion:**

No known health effects.

**Additional Health Effects:****Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

| Ingredient       | CAS No.    | Class Description             | Regulation                                  |
|------------------|------------|-------------------------------|---|
| Titanium dioxide | 13463-67-7 | Grp. 2B: Possible human carc. | International Agency for Research on Cancer |

**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                          | Inhalation-Vapor(4 hr)         |                        | No data available; calculated ATE >50 mg/l     |
| Overall product                          | Ingestion                      |                        | No data available; calculated ATE >5,000 mg/kg |
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Inhalation-Vapor               |                        | LC50 estimated to be 20 - 50 mg/l              |
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Dermal                         | Rabbit                 | LD50 > 5,000 mg/kg                             |
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |
| Clay                                     | Dermal                         |                        | LD50 estimated to be 2,000 - 5,000 mg/kg       |
| Clay                                     | Ingestion                      | Rat                    | LD50 > 2,000 mg/kg                             |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Inhalation-Vapor               | Professional judgement | LC50 estimated to be 20 - 50 mg/l              |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Dermal                         | Rabbit                 | LD50 > 5,000 mg/kg                             |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Ingestion                      | Rat                    | LD50 > 5,000 mg/kg                             |
| POLY(DIMETHYLSILOXANE)                   | Dermal                         | Rabbit                 | LD50 > 19,400 mg/kg                            |
| POLY(DIMETHYLSILOXANE)                   | Ingestion                      | Rat                    | LD50 > 17,000 mg/kg                            |
| Titanium Dioxide                         | Dermal                         | Rabbit                 | LD50 > 10,000 mg/kg                            |
| Titanium Dioxide                         | Inhalation-Dust/Mist (4 hours) | Rat                    | LC50 > 6.82 mg/l                               |
| Titanium Dioxide                         | Ingestion                      | Rat                    | LD50 > 10,000 mg/kg                            |

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

| Name                                     | Species | Value                     |
|--|---------|---------------------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Rabbit  | Minimal irritation        |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Rabbit  | Minimal irritation        |
| POLY(DIMETHYLSILOXANE)                   | Rabbit  | No significant irritation |
| Titanium Dioxide                         | Rabbit  | No significant irritation |

**Serious Eye Damage/Irritation**

| Name                                     | Species | Value                     |
|--|---------|---------------------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Rabbit  | Mild irritant             |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Rabbit  | Mild irritant             |
| POLY(DIMETHYLSILOXANE)                   | Rabbit  | No significant irritation |
| Titanium Dioxide                         | Rabbit  | No significant irritation |

**Skin Sensitization**

| Name                                     | Species          | Value          |
|--|------------------|----------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Guinea pig       | Not classified |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Guinea pig       | Not classified |
| Titanium Dioxide                         | Human and animal | 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         |
|--|----------|---------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM) | In Vitro | Not mutagenic |

|  |          |               |
|--|----------|---------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | In vivo  | Not mutagenic |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | In Vitro | Not mutagenic |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | In vivo  | Not mutagenic |
| Titanium Dioxide                         | In Vitro | Not mutagenic |
| Titanium Dioxide                         | In vivo  | Not mutagenic |

**Carcinogenicity**

| Name                                     | Route         | Species                 | Value            |
|--|---------------|-------------------------|------------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Not Specified | Not available           | Not carcinogenic |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Not Specified | Not available           | Not carcinogenic |
| Titanium Dioxide                         | Ingestion     | Multiple animal species | Not carcinogenic |
| Titanium Dioxide                         | Inhalation    | Rat                     | Carcinogenic     |

**Reproductive Toxicity**

**Reproductive and/or Developmental Effects**

| Name                                     | Route         | Value                                  | Species        | Test Result         | Exposure Duration |
|--|---------------|--|----------------|---------------------|-------------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Not Specified | Not classified for female reproduction | Not available  | NOAEL NA            | 1 generation      |
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Not Specified | Not classified for male reproduction   | Not available  | NOAEL NA            | 28 days           |
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Not Specified | Not classified for development         | Not applicable | NOAEL NA            | during gestation  |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Not Specified | Not classified for female reproduction | Rat            | NOAEL Not available | 1 generation      |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Not Specified | Not classified for male reproduction   | Rat            | NOAEL Not available | 28 days           |
| HYDROTREATED LIGHT PETROLEUM DISTILLATES | Not Specified | Not classified for development         | Rat            | NOAEL Not available | during gestation  |

**Target Organ(s)**

**Specific Target Organ Toxicity - single exposure**

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

**Specific Target Organ Toxicity - repeated exposure**

| Name             | Route      | Target Organ(s)    | Value  | Species | Test Result         | Exposure Duration     |
|------------------|------------|--------------------|--|---------|---------------------|-----------------------|
| Titanium Dioxide | Inhalation | respiratory system | Some positive data exist, but the data are not sufficient for classification | Rat     | LOAEL 0.01 mg/l     | 2 years               |
| Titanium Dioxide | Inhalation | pulmonary fibrosis | Not classified   | Human   | NOAEL Not available | occupational exposure |

**Aspiration Hazard**

| Name                                     | Value             |
|--|-------------------|
| HYDROTREATED HEAVY NAPHTHA (PETROLEUM)   | Aspiration hazard |
| HYDROTREATED LIGHT 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.

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

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

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

## 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

Carcinogenicity

Hazard Not Otherwise Classified (HNOC)

### 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:** 0 **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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