SECTION 1: Identification

1.1. Product identifier
Hot Rims Liquid Metal Polish (26-91A)

1.2. Recommended use and restrictions on use

Recommended use
Automotive, Liquid polish for metal

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
Skin Corrosion/Irritation: Category 2.

2.2. Label elements
Signal word
Warning

Symbols
Exclamation mark |
Pictograms

Hazard Statements
Causes skin irritation.

Precautionary Statements
General:
Keep out of reach of children.

Prevention:
Wear protective gloves.
Wash thoroughly after handling.

Response:
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.

2.3. Hazards not otherwise classified
None.

1% of the mixture consists of ingredients of unknown acute oral toxicity.
1% of the mixture consists of ingredients of unknown acute dermal toxicity.
34% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>64742-48-9</td>
<td>10 - 30 Trade Secret *</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>5 - 15 Trade Secret *</td>
</tr>
</tbody>
</table>

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

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

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Evacuate area. Ventilate the area with fresh air.

6.2. Environmental precautions
Avoid release to the environment.

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. 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 get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

7.2. Conditions for safe storage including any incompatibilities
Store away from acids.

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.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No.</th>
<th>Agency</th>
<th>Limit type</th>
<th>Additional Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>OSHA</td>
<td>TWA(as total dust):15 mg/m3;TWA(respirable fraction):5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>Aluminum, insoluble compounds</td>
<td>1344-28-1</td>
<td>ACGIH</td>
<td>TWA(respirable fraction):1 mg/m3</td>
<td>A4: Not class. as human carcin</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>64742-48-9</td>
<td>Manufacturer determined</td>
<td>TWA:100 ppm</td>
<td></td>
</tr>
<tr>
<td>Naphtha</td>
<td>64742-48-9</td>
<td>OSHA</td>
<td>TWA:400 mg/m3(100 ppm)</td>
<td></td>
</tr>
</tbody>
</table>

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

**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

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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Physical Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor, Color, Grade</td>
<td>No Odor, White</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No Data Available</td>
</tr>
<tr>
<td>pH</td>
<td>7.5 - 8.5</td>
</tr>
<tr>
<td>Melting point</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No Data Available</td>
</tr>
</tbody>
</table>
Flash Point: 200 °F
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: 1.02 g/ml
Specific Gravity: 1.02 g/ml
Solubility In Water: No Data Available
Solubility - non-water: No Data Available
Partition coefficient: n-octanol/ water: No Data Available
Autoignition temperature: No Data Available
Decomposition temperature: No Data Available
Vapor Pressure: No Data Available
Viscosity: 20,000 - 30,000 centipoise
Volatile Organic Compounds
10 % weight [Test Method: calculated per CARB title 2]
VOC Less H2O & Exempt Solvents: 234 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
None known.

10.5. Incompatible materials
Strong acids

10.6. Hazardous decomposition products

<table>
<thead>
<tr>
<th>Substance</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>None known.</td>
<td></td>
</tr>
</tbody>
</table>

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

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.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall product</td>
<td>Dermal</td>
<td></td>
<td>No data available; calculated ATE &gt; 5,000 mg/kg</td>
</tr>
<tr>
<td>Overall product</td>
<td>Inhalation-Vapor(4 hr)</td>
<td></td>
<td>No data available; calculated ATE &gt; 50 mg/l</td>
</tr>
<tr>
<td>Overall product</td>
<td>Ingestion</td>
<td></td>
<td>No data available; calculated ATE &gt; 5,000 mg/kg</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>Dermal</td>
<td></td>
<td>LD50 estimated to be &gt; 5,000 mg/kg</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>Inhalation-Dust/Mist (4 hours)</td>
<td>Rat</td>
<td>LC50 &gt; 2.3 mg/l</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation-Vapor</td>
<td></td>
<td>LC50 estimated to be 20 - 50 mg/l</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Dermal</td>
<td>Rabbit</td>
<td>LD50 &gt; 3,000 mg/kg</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Ingestion</td>
<td>Rat</td>
<td>LD50 &gt; 5,000 mg/kg</td>
</tr>
</tbody>
</table>

ATE = acute toxicity estimate

### Skin Corrosion/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>Rabbit</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Rabbit</td>
<td>Irritant</td>
</tr>
</tbody>
</table>

### Serious Eye Damage/Irritation

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>Rabbit</td>
<td>No significant irritation</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Rabbit</td>
<td>No significant irritation</td>
</tr>
</tbody>
</table>

### Skin Sensitization

<table>
<thead>
<tr>
<th>Name</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Guinea pig</td>
<td>Not sensitizing</td>
</tr>
</tbody>
</table>

### Respiratory Sensitization
For the component/components, either no data are currently available or the data are not sufficient for classification.
### Germ Cell Mutagenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>In Vitro</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>In vivo</td>
<td>Not mutagenic</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>In Vitro</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

### Carcinogenicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Species</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>Inhalation</td>
<td>Rat</td>
<td>Not carcinogenic</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Dermal</td>
<td>Mouse</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>Human and animal</td>
<td>Some positive data exist, but the data are not sufficient for classification</td>
</tr>
</tbody>
</table>

### Reproductive Toxicity

#### Reproductive and/or Developmental Effects

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>Not toxic to development</td>
<td>Rat</td>
<td>NOAEL 2.4 mg/l</td>
<td>during organogenesis</td>
</tr>
</tbody>
</table>

### Target Organ(s)

#### Specific Target Organ Toxicity - single exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>central nervous system</td>
<td>depression</td>
<td>Human and animal</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>respiratory irritation</td>
<td></td>
<td></td>
<td>NOAEL Not available</td>
<td></td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>nervous system</td>
<td></td>
<td>Dog</td>
<td>NOAEL 6.5 mg/l</td>
<td>4 hours</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Ingestion</td>
<td>central nervous system</td>
<td>depression</td>
<td>Professional judgement</td>
<td>NOAEL Not available</td>
<td></td>
</tr>
</tbody>
</table>

#### Specific Target Organ Toxicity - repeated exposure

<table>
<thead>
<tr>
<th>Name</th>
<th>Route</th>
<th>Target Organ(s)</th>
<th>Value</th>
<th>Species</th>
<th>Test Result</th>
<th>Exposure Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>Inhalation</td>
<td>pneumoconiosis</td>
<td>pulmonary fibrosis</td>
<td>Human</td>
<td>NOAEL Not available</td>
<td>occupational exposure</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>nervous system</td>
<td></td>
<td>Rat</td>
<td>LOAEL 4.6 mg/l</td>
<td>6 months</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>kidney and/or bladder</td>
<td></td>
<td>Rat</td>
<td>LOAEL 1.9 mg/l</td>
<td>13 weeks</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>respiratory system</td>
<td></td>
<td>Multiple animal species</td>
<td>NOAEL 0.6 mg/l</td>
<td>90 days</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>bone, teeth, nails, and/or hair</td>
<td>blood</td>
<td>liver</td>
<td>muscles</td>
<td>All data are negative</td>
</tr>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Inhalation</td>
<td>heart</td>
<td>All data are negative</td>
<td>Multiple</td>
<td>NOAEL 1.3</td>
<td>90 days</td>
</tr>
</tbody>
</table>

---
HEAVY NAPHTHA (PETROLEUM) | animal species | mg/l

Aspiration Hazard

<table>
<thead>
<tr>
<th>Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROTREATED HEAVY NAPHTHA (PETROLEUM)</td>
<td>Aspiration hazard</td>
</tr>
</tbody>
</table>

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 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 - No

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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>C.A.S. No</th>
<th>% by Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>1344-28-1</td>
<td>8.4   14</td>
</tr>
<tr>
<td>Aluminum Oxide (ALUMINUM OXIDE (FIBROUS FORMS ONLY))</td>
<td>1344-28-1</td>
<td>8.4   14</td>
</tr>
</tbody>
</table>
15.2. State Regulations
Contact manufacturer for more information

15.3. Chemical Inventories
The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of Philippines RA 6969 requirements. Certain restrictions may apply. Contact the selling division for additional information.

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.

Document Group: 36-2008-5 Version Number: 1.03
Issue Date: 09/28/16 Supercedes Date: 09/28/16

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