SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier
Product Name: Turtle Wax Headlight Lens Restorer Kit – Lens Base Coat Wipe

1.2 Relevant Identified Uses Of The Substance
Product Use: Clear Acrylic Headlight Sealant

1.3 Details of the Supplier of the SDS
Company Name: Turtle Wax, Inc.
Street Address: 625 Willowbrook Centre Parkway
City, State, Zip Code: Willowbrook, Illinois 60527

1.4 Emergency Telephone Numbers
Phone Number: 1(630)455-3700
Fax Number: 1(630)455-3868
Transportation: 1(800)424-9300 (CHEMTREC)
Medical Assistance: Call your local Poison Control Center

2. Hazard Identification:

2.1 Classification of the Substance or Mixture
Hazard Classification: Target Organ Toxicity 2
Germ cell mutagenicity 2
Eye irritant 2A
Skin irritation 3

2.2 Label Elements

Pictogram:

Signal Word: Warning
Hazard Statement: Contains material that may cause target organ damage, based on animal tests. Contains materials that may cause adverse reproductive effects in males. Causes eye irritation. May cause skin irritation.

Precautionary Statement: Avoid exposure to skin, eyes, and lungs. Do not breath mist or vapors. Provide adequate ventilation during use. Wear protective clothing, splash goggles, face shield, and gloves. If exposed to skin, wash thoroughly with soap and water. If on clothing, remove and launder before re-use. If skin
irritation persists, seek medical attention. If in eyes, rinse thoroughly with water for 15 minutes. Remove contact lenses if worn. If irritation persists, seek medical attention.

2.3 Other Hazards
Description of additional HNOC: None

3. Information on Ingredients:

3.1 Substance not applicable

3.2 Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Concentration (wt%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>1-5%</td>
</tr>
<tr>
<td>N-Methyl-2-Pyrrolidone</td>
<td>872-50-4</td>
<td>1-5%</td>
</tr>
<tr>
<td>Modified Acrylic Polymer</td>
<td>Proprietary</td>
<td>15-30%</td>
</tr>
</tbody>
</table>

4. First Aid Measures:

4.1 Description of First Aid Measures

Inhalation: Remove to fresh air and promote deep breathing. Get medical attention if effects persist.
Skin: In case of skin contact, wash thoroughly with soap and water. If irritation persists, get medical attention.
Eyes: In case of eye contact, immediately flush eyes with plenty of water for 15 minutes. Remove contact lenses if worn. If irritation persists, get medical attention

4.2 Most important symptoms and effects – acute and chronic

Inhalation: May cause respiratory tract irritation.
Skin: May cause skin irritation. May cause drying, cracking, or mild dermatitis.
Eyes: May cause temporary eye irritation.
Ingestion: May cause stomach distress, nausea, and vomiting.

4.3 Indication of any immediate medical attention and special treatment

Symptoms may not appear immediately. Seek medical attention if effects persist and you feel unwell.

5. Fire Fighting Measures:

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical, and alcohol foam

5.2 Special hazards arising from the substance or mixture

CO₂, CO, and hydrocarbons

5.3 Advice for Fire Fighters

Keep up wind of fire. Wear full firefighting turn out gear (full bunker gear) and respiratory protection (SCBA). See Section 8 for personal protection.
6. **Accidental Release Measures:**

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 Methods and materials for containment and clean up

**For containment:** Contain and absorb spill with inert material. Place in suitable container for disposal. Spilled material may be slippery.

**For clean up:** Take up material and place in a suitable container. Provide adequate ventilation. Spilled material may be slippery.

7. **Handling and Storage**

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not swallow. Do not eat, drink or smoke while handling. Wash hands with soap and water after handling. Launder all clothing and foot wear before re-use.

7.2 Conditions for safe storage including incompatibilities

Keep out of reach of children. Keep container tightly closed. Store in a well ventilated place. Do not store above 49°C (120°F).

7.3 Specific end uses

**Shelf Life:** Shelf life is considered to be 7 – 10 years when properly stored and kept closed.

8. **Exposure Control/Personal Protection:**

8.1 Control parameters

<table>
<thead>
<tr>
<th>Exposure Limits</th>
<th>8 hr TWA:</th>
<th>(OSHA PEL)</th>
<th>(ACGIH TWA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td></td>
</tr>
<tr>
<td>N-Methyl-2-Pyrrolidone</td>
<td>10 ppm</td>
<td>10 ppm</td>
<td></td>
</tr>
<tr>
<td>Modified Acrylic Polymer</td>
<td>not available</td>
<td>not available</td>
<td></td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Use adequate ventilation to keep exposure below recommended limits. Ensure that eye wash station and safety shower are close to work station.

**Hand Protection Equipment:** Wear chemical resistant gloves to prevent hand skin contact.

**Eye Protection Equipment:** Wear safety glasses or splash goggles to prevent eye contact.

**Skin and Body Protection:** Wear suitable protective clothing. Launder all contaminated clothing and foot wear before re-use.

**Respiration/Ventilation Protection Requirements:** Provide good ventilation.

**Ingestion Protection Requirements:** Do not eat, drink or smoke while handling. Wash hands with soap and water after handling.

9. **Physical And Chemical Properties:**

9.1 Information of basic chemical and physical properties

<table>
<thead>
<tr>
<th>Physical Form:</th>
<th>thin liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>transparent</td>
</tr>
<tr>
<td>Odor:</td>
<td>typical solvent</td>
</tr>
</tbody>
</table>
Odor Threshold: not available
pH: not available
Melting Point/Freeze Point: not available
Initial Boiling Point: 100°C (212°F) – Based on Water
Flash Point (Seta Closed Cup): >93°C (200°F)
Flammability Limits: Explosive Limits: Upper: not available Lower: not available
Evaporation Rate: not available
Flammability Solid/Gas: not applicable
Vapor Pressure: not available
Vapor Density: not available
Specific Gravity: 1.026
Solubility in Water: dispersible
Auto Ignition Temperature: not available
Partition coefficient (n/octonol/water): not available
Viscosity: Very Thin (Water Like

9. 2 Other information
%NVM by Weight: 22.0%
%VOC Content (California): 0.6%

10. Stability and Reactivity:

10.1 Reactivity
Does not react under normal conditions

10.2 Chemical stability
Stable

10.3 Possibility of hazardous reactions
Does not react under normal conditions

10.4 Conditions to avoid
Heat and incompatible materials

10.5 Incompatible materials
Strong oxidizers such as bleach and peroxides

10.6 Hazardous decomposition products
CO₂, CO and hydrocarbons

11. Toxicological Information:

11.1 Information on Toxicological effects

<table>
<thead>
<tr>
<th>Substance</th>
<th>LD₅₀ – Oral Rat</th>
<th>LC₅₀ – Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol (64-17-5)</td>
<td>&gt;7000 mg/Kg</td>
<td>&gt;124,700 mg/m³ (4 hr)</td>
</tr>
<tr>
<td>N-Methyl-2-Pyrrolidone (872-50-4)</td>
<td>3914 mg/Kg</td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation May cause skin irritation.
Serious eye damage/irritation Causes serious eye irritation.
Respiratory or skin sensitization Based on available data, classification data are not met.
Germ cell mutagenicity Contains materials that may cause adverse reproductive effects in males.
Carcinogenicity Contains a suspected carcinogen (California Prop 65).

N-Methyl-2-Pyrrolidone (872-50-4) 1-5%

Reproductive toxicity Based on available data, classification data are not met
Specific target organs – single exposure Contains materials that may cause damage to the following organs: blood, Reproductive system, liver, upper respiratory tract, skin, eyes, and central nervous system.

Specific target organs – repeated exposure Contains materials that may cause damage to the following organs: blood, Reproductive system, liver, upper respiratory tract, skin, eyes, and central nervous system.

Aspiration hazard Based on available data, classification data are not met
Symptoms/injuries after inhalation May cause respiratory tract irritation
Symptoms/injuries after skin contact May cause skin irritation. May cause drying, cracking, or mild dermatitis.
Symptoms/injuries after eye contact May cause serious eye irritation.
Symptoms/injuries after ingestion May cause stomach distress, nausea, and vomiting.

12. Ecological Information:

12.1 Toxicity
Not recommended for release into aquatic systems without treatment

12.2 Persistence and degradability
Not established

12.3 Bioaccumulative potential
Not established

12.4 Mobility in soil
Not established

12.5 Other adverse effects
None known

13. Disposal Considerations:

13.1 Waste treatment methods
RCRA Hazardous Waste: Not regulated as a hazardous waste
Waste Disposal Method: Dispose of in accordance with local, state and federal regulations
Waste Disposal Vessel: Plastic or metal drums.

14. Transportation Information:

14.1 UN number
None - not regulated as a hazardous material

14.2 UN Proper shipping name
None
14.3 Transport Hazard class
Not applicable

14.4 Packaging group
Not applicable

14.5 Marine Pollutant
No

14.6 Transportation in Bulk
Not applicable

14.7 Special precautions
None

15. Regulatory Information:

15.1 US Federal Regulations

TSCA Status: All ingredients are commercially available and listed by the manufacturer under TSCA.

15.2 Foreign Regulations

Canadian Status: All materials contained in this product are listed on the Canadian Domestic Substance List (DSL). Consult Turtle Wax, Inc. regarding status of ingredients.

European Union: All materials contained in this product are listed on EINECS.

AICS: All materials contained in this product are registered for AICS (Australia)

15.3 State Regulations

State Regulatory Information:

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, contact the appropriate agency in your state.

California Prop 65:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Concentration</th>
<th>State Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>872-50-4</td>
<td>1-5%</td>
<td>Developmental</td>
</tr>
<tr>
<td>(N-Methyl-2-Pyrroldone)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15.4 HIMS & NFPA Classifications

HIMS Classification:
- Health 2
- Flammability 0
- Reactivity 0

NFPA Classification:
- Health 2
- Flammability 0
- Reactivity 0

16. Other Information:

Reason For Issue
Conversion to OSHA GHS SDS Format
This information is, to the best of Turtle Wax, Inc.’s knowledge and belief, accurate and reliable. However, no representation, warranty, or guarantee is made to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy oneself as to the suitableness and completeness of such information for their own particular use.