



TURTLE WAX, INC.
625 WILLOWBROOK CTR PKWY
WILLOWBROOK, IL 60527

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name: Turtle Wax Headlight Lens Restorer – Lens Sealing Wipe
Product Code (SKU): T-240KT-HS (50201), T-240KTC-HS (50202),
T-240KTS-HS (50204)

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: Skin Irritation 3
Eye Irritation 2B

2.2 Label Elements

Pictogram: Not Required

Signal Word: Warning

Hazard Statement: Cause mild skin irritation. Cause eye irritation

Precautionary Statement: Do not get in eyes or on skin. Wear protective gloves, glasses, and clothing to prevent contact. If on skin, wash thoroughly with soap and water. If irritation persists, call a physician. If in eyes, flush thoroughly with water for 15 minutes. Remove contact lenses if worn. If irritation persists, contact a physician.

2.3 Other Hazards

Description of additional HNOC: None

3. Information on Ingredients:

3.1 Substance

| <u>Component</u> | <u>CAS Number</u> | <u>Concentration (wt%)</u> |
|-----------------------------|--------------------------|-----------------------------------|
| Amino Polydimethyl Siloxane | 171543-65-0 | 100% |

3.2 Mixture Not applicable

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. Remove contact lenses if worn. If irritation persists, get medical attention

Ingestion: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if effects persist.

4.2 Most important symptoms and effects – acute and chronic

Inhalation: May cause respiratory tract irritation.

Skin: Cause mild skin irritation. May cause drying, cracking, or mild dermatitis.

Eyes: 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 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

| <u>Exposure Limits</u> | <u>8 hr TWA:</u> | <u>(OSHA PEL)</u> | <u>(ACGIH TWA)</u> |
|-----------------------------|------------------|-------------------|--------------------|
| Amino Polydimethyl Siloxane | | not available | not available |

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 contact.

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

Skin and Body Protection: Wear suitable protective clothing to protect skin against contact. Contaminated clothing should be removed immediately and laundered 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

| | |
|---|--|
| Physical Form: | viscous liquid |
| Color: | clear to light straw |
| Odor: | typical amine |
| Odor Threshold: | not available |
| pH: | not applicable |
| Melting Point/Freeze Point: | not available |
| Initial Boiling Point: | not available |
| Flash Point (Seta Closed Cup): | 177°C (350°F) |
| Flammability Limits: | Explosive Limits: Upper: not available Lower: not available |
| Evaporation Rate: | not available |
| Flammability Solid/Gas: | not applicable |
| Vapor Pressure: | <0.01 kPa @ 20°C |
| Vapor Density: | not available |
| Specific Gravity: | 0.975 |
| Solubility in Water: | insoluble |
| Auto Ignition Temperature: | not available |
| Partition coefficient (n/octanol/water): | not available |
| Viscosity: | 300 cPs |

9. 2 Other information

| | |
|----------------------------|------|
| %NVM by Weight: | 100% |
| %VOC Content (California): | 0% |

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

Turtle Wax Headlight Lens Restorer Kit – Lens Sealing Wipe

LD50 – Oral Rat >2000 mg/Kg

LD50 – Dermal Rabbit >2000 mg/Kg

LC50 – Inhalation Rat >20 mg/L (4 hr)

| | |
|--|---|
| Skin corrosion/irritation | Causes mild skin irritation |
| Serious eye damage/irritation | Causes temporary eye irritation |
| Respiratory or skin sensitization | Based on available data, classification data are not met |
| Germ cell mutagenicity | Based on available data, classification data are not met |
| Carcinogenicity | Based on available data, classification data are not met |
| Reproductive toxicity | Based on available data, classification data are not met |
| Specific target organs – single exposure | Based on available data, classification data are not met |
| Specific target organs – repeated exposure | Based on available data, classification data are not met |
| 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 | Cause mild skin irritation. May cause drying, cracking, or mild dermatitis. |
| Symptoms/injuries after eye contact | Causes temporary 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 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:

| <u>CAS Number</u> | <u>Concentration</u> | <u>State Code</u> |
|-------------------|----------------------|-------------------|
| None | | |

15.4 HIMS & NFPA Classifications

| | | |
|----------------------|--------------|---|
| HIMS Classification: | Health | 0 |
| | Flammability | 1 |
| | Reactivity | 0 |
| NFPA Classification: | Health | 0 |
| | Flammability | 1 |
| | Reactivity | 0 |

16. Other Information:

| | |
|--------------------------|--|
| Reason For Issue | Conversion to OSHA GHS SDS Format |
| Prepared By | James Heidel |
| Preparer's Title | Technical Director, R&D |
| SDS Administrator | Jean Mayszak - Technical Compliance Manager, R&D |
| Approval Date | March 4, 2015 |
| Supersedes Date | July 27, 2011 |
| Revision Number | A – 4 |

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 suitability and completeness of such information for their own particular use.



TURTLE WAX, INC.
625 WILLOWBROOK CTR PKWY
WILLOWBROOK, IL 60527

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name: Turtle Wax Headlight Lens Restorer Kit – Lens
Base Coat Wipe
Product Code (SKU): T-240KT-BC (50201), T-240KTC-BC (50202),
T-240KTS-BC (50204)

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:

Hazard Statement:

Warning

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

| <u>Component</u> | <u>CAS Number</u> | <u>Concentration (wt%)</u> |
|--------------------------|-------------------|----------------------------|
| Water | 7732-18-5 | >60% |
| Ethyl Alcohol | 64-17-5 | 1-5% |
| N-Methyl-2-Pyrrolidone | 872-50-4 | 1-5% |
| Modified Acrylic Polymer | Proprietary | 15-30% |

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.

Ingestion: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if effects persist.

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

| <u>Exposure Limits</u> | <u>8 hr TWA:</u> | <u>(OSHA PEL)</u> | <u>(ACGIH TWA)</u> |
|--------------------------|------------------|-------------------|--------------------|
| Ethyl Alcohol | | 1000 ppm | 1000 ppm |
| N-Methyl-2-Pyrrolidone | | 10 ppm | 10 ppm |
| Modified Acrylic Polymer | | not available | not available |

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

| | |
|-----------------------|-----------------|
| Physical Form: | thin liquid |
| Color: | transparent |
| Odor: | typical solvent |

| | |
|---|--|
| Odor Threshold: | not available |
| pH: | |
| 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

Ethyl alcohol (64-17-5)

| | |
|-----------------------|-----------------------------------|
| LD50 – Oral Rat | >7000 mg/Kg |
| LC50 – Inhalation Rat | >124,700 mg/m ³ (4 hr) |

N-Methyl-2-Pyrrolidone (872-50-4)

| | |
|----------------------|-------------|
| LD50 – Oral Rat | 3914 mg/Kg |
| LD50 – Dermal Rabbit | >8000 mg/Kg |

| | |
|-----------------------------------|--|
| 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:

Waste Disposal Method:

Waste Disposal Vessel:

Not regulated as a hazardous waste

Dispose of in accordance with local, state and federal regulations

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 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:

| <u>CAS Number</u> | <u>Concentration</u> | <u>State Code</u> |
|--------------------------------------|----------------------|-------------------|
| 872-50-4 (N-Methyl-2-Pyrrolidone) | 1-5% | Developmental |

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 |
|-------------------------|-----------------------------------|

| | |
|--------------------------|--|
| Prepared By | James Heidel |
| Preparer's Title | Technical Director, R&D |
| SDS Administrator | Jean Mayszak - Technical Compliance Manager, R&D |
| Approval Date | March 4, 2015 |
| Supersedes Date | May 31, 2012 |
| Revision Number | A – 1 |

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TURTLE WAX, INC.
625 WILLOWBROOK CTR PKWY
WILLOWBROOK, IL 60527

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name: Turtle Wax Headlight Lens Restorer – Clarifying Compound
Product Code (SKU): T240KT-RC (50201), T240KTC-RC (50202),
T-240KTS-RC (50204)

1.2 Relevant Identified Uses Of The Substance

Product Use: Automotive Rubbing and Polishing Compound

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: Not Classified

2.2 Label Elements

Pictogram: Not Required

Signal Word: None

Hazard Statement: None

Precautionary Statement: None

2.3 Other Hazards

Description of additional HNOC: None

3. Information on Ingredients:

3.1 Substance Not Applicable

3.2 Mixture

| <u>Component</u> | <u>CAS Number</u> | <u>Concentration (wt%)</u> |
|--|--------------------------|-----------------------------------|
| Water | 7732-18-5 | >65% |
| Petroleum Distillates Hydrotreated Light | 64742-47-8 | 7 – 13% |
| Glycerin | 56-81-5 | 1 – 3% |
| White Mineral Oil | 8042-47-5 | 1 – 3% |
| Nepheline Syenite | 37244-96-5 | 10 – 18% |

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. Remove contact lenses if worn. If irritation persists, get medical attention

Ingestion: If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

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

| <u>Exposure Limits</u> | <u>8 hr TWA:</u> | <u>(OSHA PEL)</u> | <u>(ACGIH TWA)</u> |
|--|------------------|--|-----------------------------------|
| Petroleum Distillates Hydrotreated Light | | 100 ppm | 200 ppm |
| Nepheline Syenite | | 15 mg/m ³ (total dust) 5 mg/m ³ (Respirable fraction) | 15 mg/m ³ (total dust) |
| White Mineral Oil | | not applicable | not applicable |
| Glycerin | | 15 mg/m ³ (Total Particulate) 5 mg/m ³ (Mist Respirable Fraction) | not applicable |

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 and clothing to prevent skin contact.

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

Skin and Body Protection: Wear suitable protective clothing.

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. Launder all clothing and foot wear before re-use.

9. Physical And Chemical Properties:

9.1 Information of basic chemical and physical properties

| | |
|---------------------------------------|--|
| Physical Form: | Viscous Liquid |
| Color: | White Opaque |
| Odor: | typical |
| Odor Threshold: | not available |
| pH: | 8.0 |
| Melting Point/Freeze Point: | 0°C (32°F) – Based on Water |
| 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: | 1.069 |
| Solubility in Water: | Dispersible |
| Auto Ignition Temperature: | not available |

Partition coefficient (n/octanol/water): not available
Viscosity: 400 cP

9. 2 Other information

%NVM by Weight: 20.0%
%VOC Content (California): 0.0%

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

Turtle Wax Headlight Lens Restorer Kit – Clarifying Compound

LD50 – Oral Rat >2000 mg/Kg
LD50 – Dermal Rat >2000 mg/Kg
LC50 – Inhalation Rat >20 mg/L (4 hr)

Petroleum Distillate Hydrotreated Light (64742-47-8)

LD50 – Oral Rat >5000 mg/Kg
LD50 – Dermal Rat >2000 mg/Kg
LC50 – Inhalation Rat 5.2 mg/L (4 hr)

Glycerin

LD50 – Oral Rat 12600 mg/Kg
LD50 – Dermal Rat >10 g/Kg

| | |
|--|--|
| Skin corrosion/irritation | Based on available data, classification data are not met |
| Serious eye damage/irritation | Based on available data, classification data are not met |
| Respiratory or skin sensitization | Based on available data, classification data are not met |
| Germ cell mutagenicity | Based on available data, classification data are not met |
| Carcinogenicity | Based on available data, classification data are not met |
| Reproductive toxicity | Based on available data, classification data are not met |
| Specific target organs – single exposure | Based on available data, classification data are not met |
| Specific target organs – repeated exposure | Based on available data, classification data are not met |
| 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 temporary 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 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:

| <u>CAS Number</u> | <u>Concentration</u> | <u>State Code</u> |
|-------------------|----------------------|-------------------|
| None | | |

15.4 HIMS & NFPA Classifications

| | | |
|----------------------|--------------|---|
| HIMS Classification: | Health | 1 |
| | Flammability | 1 |
| | Reactivity | 0 |
| NFPA Classification: | Health | 1 |
| | Flammability | 1 |
| | Reactivity | 0 |

16. Other Information:

| | |
|--------------------------|--|
| Reason For Issue | Conversion to OSHA GHS SDS Format |
| Prepared By | James Heidel |
| Preparer's Title | Technical Director, R&D |
| SDS Administrator | Jean Mayszak - Technical Compliance Manager, R&D |
| Approval Date | March 2, 2015 |
| Supersedes Date | September 1, 2014 |
| Revision Number | A – 3 |

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 suitability and completeness of such information for their own particular use.



TURTLE WAX, INC.
625 WILLOWBROOK CTR PKWY
WILLOWBROOK, IL 60527

SAFETY DATA SHEET

1. Product and Company Identification

1.1 Product Identifier

Product Name: Turtle Wax Headlight Lens Restorer Kit – Spray Lubricant
Product Code (SKU): T-240KT-SL (50201), T-240KTC-SL (50202),
T-240KTS-SL (50204)

1.2 Relevant Identified Uses Of The Substance

Product Use: Wet Sanding Lubricant

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: not classified

2.2 Label Elements

Pictogram: not required

Signal Word: none

Hazard Statement: none

Precautionary Statement: none

2.3 Other Hazards

Description of additional HNOC: none

3. Information on Ingredients:

3.1 Substance Not applicable

3.2 Mixture

| <u>Component</u> | <u>CAS Number</u> | <u>Concentration (wt%)</u> |
|-------------------------|--------------------------|-----------------------------------|
| Water | 7732-18-5 | >90% |
| Propylene Glycol | 57-55-6 | 1-5% |
| Isopropyl Alcohol | 67-63-0 | .05 – 1.5% |

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. Remove contact lenses if worn. If irritation persists, get medical attention.

Ingestion: If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

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 promptly 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. Use personal protective equipment (PPE).

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. Keep from freezing and 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

| <u>Exposure Limits</u> | <u>8 hr TWA:</u> | <u>(OSHA PEL)</u> | <u>(ACGIH TWA)</u> |
|------------------------|------------------|------------------------------|------------------------------|
| Isopropyl Alcohol | | 980 mg/m ³ | 200 ppm |
| | | 400 ppm | 400 ppm (STEL) |
| Propylene Glycol | | 10 mg/m ³ (Mist)* | 10 mg/m ³ (Mist)* |

*USA Workplace Environmental Exposure Levels (WEEL)

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 and clothing to prevent skin contact.

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

Skin and Body Protection: Wear suitable protective clothing.

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. Launder all clothing and foot wear before re-use.

9. Physical And Chemical Properties:

9.1 Information of basic chemical and physical properties

| | |
|---------------------------------------|---|
| Physical Form: | thin liquid |
| Color: | translucent/clear to hazy/white |
| Odor: | fruity |
| Odor Threshold: | not available |
| pH: | 4.4 |
| Melting Point/Freeze Point: | 0°C (32°F) – Based on Water |
| Initial Boiling Point: | 100°C (212°F) – Based on Water |
| Flash Point (Seta Closed Cup): | >93°C (200°F) |
| Flammability 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: | 1.000 |
| Solubility in Water: | dispersible |
| Auto Ignition Temperature: | not available |

Partition coefficient (n/octanol/water): not available
Viscosity: water thin

9. 2 Other information

% NVM by Weight: <1.0%
% VOC Content (California): 1.0%

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

Turtle Wax Headlight Lens Restorer Kit - Spray Lubricant

LD50 – Oral Rat >2000 mg/Kg
LD50 – Dermal Rabbit >2000 mg/Kg
LC50 – Inhalation Rat >20 mg/L (4 hr)

Isopropyl Alcohol (67-63-0)

LD50 – Oral Rat 4396 mg/Kg
LD50 – Dermal Rabbit 12800 mg/Kg
LC50 – Inhalation Rat 72.6 mg/L(4hr)

Propylene Glycol (57-55-6)

LD50 – Oral Rat >5000 mg/Kg
LD50 – Dermal Rabbit >2000 mg/Kg

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | Based on available data, classification data are not met |
| Serious eye damage/irritation | Based on available data, classification data are not met |
| Respiratory or skin sensitization | Based on available data, classification data are not met |
| Germ cell mutagenicity | Based on available data, classification data are not met |
| Carcinogenicity | Based on available data, classification data are not met |

Isopropyl alcohol (67-63-0) IARC Group 3

| | |
|--|--|
| Reproductive toxicity | Based on available data, classification data are not met |
| Specific target organs – single exposure | |
| | Based on available data, classification data are not met |
| Specific target organs – repeated exposure | |

| | |
|--------------------------------------|--|
| Aspiration hazard | Based on available data, classification data are not met Based on available data, classification data are not met |
| Symptoms/injuries after inhalation | May cause respiratory tract irritation |
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| 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

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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

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| <u>CAS Number</u> | <u>Concentration</u> | <u>State Code</u> |
|-------------------|----------------------|-------------------|
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| | | |
|----------------------|--------------|---|
| HIMS Classification: | Health | 1 |
| | Flammability | 1 |
| | Reactivity | 0 |
| NFPA Classification: | Health | 1 |
| | Flammability | 1 |
| | Reactivity | 0 |

16. Other Information:

| | |
|--------------------------|--|
| Reason For Issue | Conversion to OSHA GHS SDS Format |
| Prepared By | James Heidel |
| Preparer's Title | Technical Director, R&D |
| SDS Administrator | Jean Mayszak - Technical Compliance Manager, R&D |
| Approval Date | March 2, 2015 |
| Supersedes Date | September 1, 2014 |
| Revision Number | A -3 |

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