Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME  TURTLE WAX SCRATCH REPAIR PEN
PRODUCT CODE  T-121(C)
CHEMICAL FAMILY  Paint Product
CHEMICAL NAME  Mixture: solvent, polymer, additives
FORMULA  Mixture

MANUFACTURER
For Turtle Wax, Inc. by:
Genicolor
437 rue des Montregeriennes
Quebec, Qc. G1C 7J7
Phone: 1(877)661-4848
Fax: 1(877)661-4878

EMERGENCY TELEPHONE NUMBERS
Transportation:  CHEMTREC: 800-424-9300
Medical: Contact your local Poison Control Center

2. POSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION (wt %)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose Acetate Butyrate</td>
<td>9004-36-8</td>
<td>1-5%</td>
</tr>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>85-68-7</td>
<td>3-7%</td>
</tr>
<tr>
<td>N-Butyl Alcohol</td>
<td>71-36-3</td>
<td>3-7%</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>15-40%</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78-93-3</td>
<td>1-5%</td>
</tr>
<tr>
<td>Methyl Isoamyl Keytone</td>
<td>110-12-3</td>
<td>3-7%</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>10-30%</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>7-13%</td>
</tr>
<tr>
<td>Propyleneglycol Monomethylether Acetate</td>
<td>108-65-6</td>
<td>10-30%</td>
</tr>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>15-40%</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100-41-4</td>
<td>0.1-1.0%</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>0.05-1.5%</td>
</tr>
</tbody>
</table>

EXPOSURE LIMITS 8 hrs. TWA(ppm)

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>CARCINOGEN (OSHA,NPT,IARC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose Acetate Butyrate</td>
<td>None</td>
<td>None</td>
<td>No</td>
</tr>
<tr>
<td>Butyl Benzyl Phthalate</td>
<td>5 mg/M³</td>
<td>5 mg/M³</td>
<td>Yes</td>
</tr>
<tr>
<td>N-Butyl Alcohol</td>
<td>100ppm</td>
<td>20ppm</td>
<td>No</td>
</tr>
<tr>
<td>Acetone</td>
<td>1000ppm</td>
<td>500ppm</td>
<td>No</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>200ppm</td>
<td>200ppm</td>
<td>No</td>
</tr>
<tr>
<td>Methyl Isoamyl Keytone</td>
<td>None</td>
<td>None</td>
<td>No</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>400ppm</td>
<td>400ppm</td>
<td>No</td>
</tr>
<tr>
<td>Toluene</td>
<td>200ppm</td>
<td>20ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>Propyleneglycol Monomethylether Acetate</td>
<td>10ppm</td>
<td>10ppm</td>
<td>No</td>
</tr>
<tr>
<td>Heptane</td>
<td>500ppm</td>
<td>500ppm</td>
<td>No</td>
</tr>
<tr>
<td>Ethylbenzene</td>
<td>100ppm</td>
<td>100ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>Xylene</td>
<td>100ppm</td>
<td>100ppm</td>
<td>No</td>
</tr>
</tbody>
</table>
3. HAZARDS IDENTIFICATION
   POTENTIAL HEALTH EFFECTS

   INHALATION: Repeated or excessive inhalation of vapor can cause irritation, dizziness, and nausea. Affects may cause nervous system depression with headache, dizziness, nausea, staggering gate, confusion, or unconsciousness. Chronic effects include permanent brain and nervous system damage.

   INGESTION: Causes digestive system upsets, dizziness, nausea, and may cause chemical pneumonia, which may be fatal, if sucked into lungs. No chronic effects known.

   SKIN CONTACT: Repeated or excessive contact can cause severe irritation, de-fatting or dermatitis. No chronic effects known.

   EYE CONTACT: May cause irritation or burning. No chronic effects known.

4. FIRST AID MEASURES

   EYE: Flush with water for 15 minutes. Get medical attention if effects persist.

   SKIN: Remove contaminated clothing, and avoid ignition sources. Wash affected areas thoroughly with soap and water.

   INHALATION: Remove to fresh air. Use artificial respiration and oxygen if needed.

   INGESTION: Rinse mouth. Do not induce vomiting. Get prompt medical attention, especially if liquid is sucked into lungs.

5. FIRE FIGHTING MEASURES

   FLASH POINT: (Cl. Cup): 20-73°F (-7 to 23°C)  Explosive Limits: Lower: 1.0  Upper: 13.1

   EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical

   SPECIAL FIRE FIGHTING PROCEDURES: Use full protection equipment including self contained breathing apparatus. Use water fog to prevent pressure build-up.

6. ACCIDENTAL RELEASE MEASURES

   SPILL OR LEAK PROCEDURES: Remove all ignition sources. Provide good ventilation. Take up spills and put into closed containers. Avoid flow to sewers. See Section 8 for other protective measures.

7. HANDLING AND STORAGE

   STORAGE TEMPERATURE (MIN./MAX.): 32 °F (0 ° C)/ 120 ° F (49 C)

   SHELF LIFE: 7 years minimum when the original container is kept tightly closed and properly stored.

   SPECIAL SENSITIVITY: None.

   HANDLING AND STORAGE PRECAUTIONS: Store in cool and ventilated places, but avoid freezing. Keep containers closed.
8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION REQUIREMENTS:** Wear goggles. Have convenient eye wash stations.

**SKIN PROTECTION REQUIREMENTS:** Wear solvent resistant gloves and other clothing as needed to prevent exposure.

**RESPIRATOR/VENTILATION PROTECTION REQUIREMENTS:** Provide sufficient ventilation to avoid exposure levels above the established TLV.

**INGESTION PROTECTION REQUIREMENTS:** Avoid swallowing or sucking into lungs. Wear face shield if face contact is likely.

**EXPOSURE LIMITS:** Not established for product as whole.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Thin Fluid Liquid

**COLOR:** Water White

**ODOR:** Typical Solvent

**BOILING POINT:** 130-300°F (55-150°C)

**MELT / FREEZE POINT:** -76 to -210°F (-60 to -134°C)

**PH:** n/ap

**SOLUBILITY IN WATER:** Insoluble

**SPECIFIC GRAVITY:** 0.850

**% NON-VOLATILE BY WEIGHT:** 15.0%

**VAPOR PRESSURE:** 247 hPa@68°F (20°C)

**VAPOR DENSITY:** 2.00

10. **REACTIVITY**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Does not occur.

**INCOMPATIBILITIES:** Strong oxidizers such as peroxides.

**DECOMPOSITION PRODUCTS:** When burned: CO₂, CO, Hydrocarbons.

11. **TOXICOLOGICAL INFORMATION**

**ACUTE INHALATION:** Can cause irritation, dizziness, and nausea.

**CHRONIC INHALATION:** Chronic effects include permanent brain and nervous system damage.

**ACUTESKIN CONTACT:** Can cause irritation, de-fatting, or dermatitis.
CHRONIC SKIN CONTACT: None known

ACUTE EYE CONTACT: Causes irritation and burns.

12. ECOLOGICAL INFORMATION
No data available.

13. DISPOSAL CONSIDERATIONS
RCRA HAZARDOUS WASTE: Is classified as a RCRA Hazardous Waste – D001 Ignitable

WASTE DISPOSAL METHOD: Dispose of product in accordance with all local, state and federal laws and regulations.

14. TRANSPORT INFORMATION
DOT INFORMATION: ORM-D

PROPER SHIPPING NAME: Consumer Commodity

TECHNICAL SHIPPING NAME: Automotive Paint

HAZARD CLASS: 8

UN NUMBER: UN3066

PRODUCT RQ (lbs): None

LABEL: Non Bulk None
       Bulk n/ap

PLACARD: Non Bulk None
       Bulk n/ap

FREIGHT CLASS BULK: n/ap

FREIGHT CLASS PACKAGE: PG - III

PRODUCT LABEL n/ap

15. REGULATORY INFORMATION
TSCA STATUS: All ingredients are commercially available and listed by manufacturer. All ingredients are listed under TSCA.

CERCLA REPORTABLE QUANTITY:
Butyl Benzyl Phthalate 100#
N-Butyl Alcohol 5000#
Acetone 5000#
Methyl Ethyl Ketone 5000#
Toluene 1000#
Xylene 100#

SARA TITLE III:
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES None

SECTION 311/312 HAZARD CATEGORIES
Acute Health Yes
Chronic Health Yes
Fire Yes
Reactive: No
Sudden Release of Pressure: No

SECTION 313
CHEMICAL NAME | CAS NUMBER | CONCENTRATION
--- | --- | ---
Ethylbenzene | 100-41-4 | 0.1-1.0%
N-Butyl Alcohol | 71-36-3 | 3-7%
Methyl Ethyl Ketone | 78-93-3 | 1-5%
Toluene | 108-88-3 | 7-13%
Xylene | 1330-20-7 | .05-1.5%

**RCRA STATUS:** If discarded in its purchased form, this product would be an ignitable waste with an EPA Hazardous Waste Number of D001. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product should be classified as a hazardous waste. (40CFR261.20-24)

**CANADIAN STATUS:** All materials contained in this product are listed on the Canadian Domestic Substances List. Consult Turtle Wax, Inc. regarding status of ingredients.

**EUROPEAN UNION:** All materials contained in this product are listed on EINECS.

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

**COMPONENT/**
**CAS NUMBER | CONCENTRATION | STATE CODE**
--- | --- | ---
85-68-7 Butyl Benzyl Phthalate | 3-7% | California Prop 65
108-88-3 Toluene | 7-13% | California Prop 65
100-41-4 Ethyl Benzene | 0.1-1.0 | California Prop 65

16. **OTHER INFORMATION**

**HMIS CLASSIFICATION**
- Health: 3
- Flammability: 4
- Reactivity: 0
- PPI: B

**NFPA RATING**
- Health: 3
- Fire: 4
- Reactivity: 0
- Special: None

**REASON FOR ISSUE**
Change in Hazard Class and PG

**PREPARED BY**
James P. Heidel

**TITLE**
Technical Director, R&D

**APPROVAL DATE**
July 14, 2010

**SUPERCEDES DATE**
new

**REVISION NUMBER**
A-1

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 himself as to the suitableness and completeness of such information for his own particular use.