



turtle wax, inc
625 Willowbrook Ctr Pkwy
Willowbrook, Illinois 60527

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 Montereгиennes
Quebec, Qc. G1C 7J7
Phone: 1(877)661-4848
Fax: 1(877)661-4878

EMERGENCY TELEPHONE NUMBERS

Transportation:
CHEMTREC: 800-424-9300
Medical:
Contact you local Poison Control Center

2. POSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NUMBER	CONCENTRATION (wt %)
Cellulose Acetate Butyrate	9004-36-8	1-5%
Butyl Benzyl Phthalate	85-68-7	3-7%
N-Butyl Alcohol	71-36-3	3-7%
Acetone	67-64-1	15-40%
Methyl Ethyl Ketone	78-93-3	1-5%
Methyl Isoamyl Keytone	110-12-3	3-7%
Isopropyl Alcohol	67-63-0	10-30%
Toluene	108-88-3	7-13%
Propyleneglycol Monomethylether Acetate	108-65-6	10-30%
Heptane	142-82-5	15-40%
Ethylbenzene	100-41-4	0.1-1.0%
Xylene	1330-20-7	.05-1.5%

EXPOSURE LIMITS 8 hrs. TWA(ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CARCINOGEN</u> (OSHA,NPT,IARC)
Cellulose Acetate Butyrate	None	None	No
Butyl Benzyl Phthalate	5 mg/M ³	5 mg/M ³	Yes
N-Butyl Alcohol	100ppm	20ppm	No
Acetone	1000ppm	500ppm	No
Methyl Ethyl Ketone	200ppm	200ppm	No
Methyl Isoamyl Keytone	None	None	No
Isopropyl Alcohol	400ppm	400ppm	No
Toluene	200ppm	20ppm	Yes
Propyleneglycol Monomethylether Acetate	10ppm	10ppm	No
Heptane	500ppm	500ppm	No
Ethylbenzene	100ppm	100ppm	Yes
Xylene	100ppm	100ppm	No

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 gait, 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 causes 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 effected 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.

ACUTE SKIN 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

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>CONCENTRATION</u>
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/

<u>CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
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 suitability and completeness of such information for his own particular use.