

TouchUp RX Touch-Up Paint

Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Date of issue: 01-22-2019

Revision date: 01-22-2019

Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Product name : TouchUp RX Touch-Up Paint
Product code : Not available

1.2. Recommended use and restrictions on use

Recommended uses and restrictions : Hand-applied automobile touch-up paint

1.3. Supplier

Manufacturer

Touch-Up RX, Corp.
140 Old Orchard Sq
East Ellijay, GA 30536
USA
T 561-512-0832

1.4. Emergency telephone number

Emergency number : 416-893-5325

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flam. Liq. 2	H225
Acute Tox. 3 (Inhalation:vapour)	H331
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Carc. 2	H351
Repr. 2	H361
STOT SE 3	H336
STOT RE 1	H372

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS-CA) :

- H225 - Highly flammable liquid and vapour.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H331 - Toxic if inhaled.
- H336 - May cause drowsiness or dizziness.
- H351 - Suspected of causing cancer.
- H361 - Suspected of damaging fertility or the unborn child.
- H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS-CA) :

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical, lighting, ventilating equipment.
- P242 - Use only non-sparking tools.
- P243 - Take action to prevent static discharges.
- P260 - Do not breathe dust, fume, gas, mist, spray, vapours.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear eye protection, face protection, protective clothing, protective gloves.
- P308+P313 - IF exposed or concerned: Get medical advice/attention.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .

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P362+P364 - Take off contaminated clothing and wash it before reuse.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P311 - Call a POISON CENTER or doctor.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor if you feel unwell.
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

3.71% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
xylene	(CAS-No.) 1330-20-7	30 - 60
n-Butyl acetate	(CAS-No.) 123-86-4	7 - 13
Methyl ethyl ketone	(CAS-No.) 78-93-3	7 - 13
Ethylbenzene	(CAS-No.) 100-41-4	5 - 10
2-Butoxyethanol	(CAS-No.) 111-76-2	5 - 10
Ligroine	(CAS-No.) 8032-32-4	5 - 10
Toluene	(CAS-No.) 108-88-3	1 - 5
n-Heptane	(CAS-No.) 142-82-5	1 - 5
Naphthalene	(CAS-No.) 91-20-3	0.1 - 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a poison center or a doctor if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : Toxic if inhaled. May cause drowsiness or dizziness. May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

- Suitable extinguishing media : Powder, water spray, foam, carbon dioxide.

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5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Highly flammable liquid and vapour. Products of combustion may include and are not limited to: oxides of carbon.

Explosion hazard : May form flammable/explosive vapour-air mixture

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

6.2. Methods and materials for containment and cleaning up

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Avoid contact with skin and eyes. Do not swallow. Do not breathe dust, fume, gas, mist, spray, vapours. Handle and open container with care. When using do not eat, drink or smoke. Use only non-sparking tools. Use only outdoors or in a well-ventilated area.

Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed

Storage conditions : Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store locked up. Keep cool. Keep away from heat, sparks, and flame.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

n-Butyl acetate (123-86-4)		
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	ACGIH STEL (ppm)	150 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr
USA - ACGIH	Regulatory reference	ACGIH 2017
Methyl ethyl ketone (78-93-3)		
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	300 ppm
Ethylbenzene (100-41-4)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	Remark (ACGIH)	URT irr; kidney dam (nephropathy)
USA - ACGIH	Regulatory reference	ACGIH 2018
2-Butoxyethanol (111-76-2)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr
USA - ACGIH	Regulatory reference	ACGIH 2017
Toluene (108-88-3)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm

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Toluene (108-88-3)		
USA - ACGIH	Remark (ACGIH)	Visual impair; female repro;
USA - ACGIH	Regulatory reference	ACGIH 2018
n-Heptane (142-82-5)		
USA - ACGIH	ACGIH TWA (ppm)	400 ppm
USA - ACGIH	ACGIH STEL (ppm)	500 ppm
Naphthalene (91-20-3)		
USA - ACGIH	ACGIH TWA (ppm)	10 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable gloves resistant to chemical penetration

Eye protection:

Wear eye/face protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Thick fluid
Colour : Various
Odour : Solvent
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Relative evaporation rate (ether=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : < 38 °C Closed Cup
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Highly flammable liquid and vapour.
Vapour pressure : No data available
Vapour pressure at 50 °C : No data available
Relative density : 0.9 - 1.14
Solubility : No data available
Partition coefficient n-octanol/water : No data available
Viscosity, kinematic : 255.3 m²/s
Viscosity, dynamic : 242.5 cP
Explosive limits : No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal storage conditions. May form flammable/explosive vapour-air mixture.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Heat. Sources of ignition. Direct sunlight. Incompatible materials.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Toxic if inhaled.

ATE CA (vapours)	9.709 mg/l/4h
Unknown acute toxicity (GHS CA)	3.71% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

n-Butyl acetate (123-86-4)	
LD50 oral rat	10768 mg/kg
LD50 dermal rabbit	> 17600 mg/kg
LC50 inhalation rat	390 ppm/4h
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0.05 mg/l/4h
LC50 inhalation rat (Vapours - mg/l/4h)	1.86 mg/l/4h

Methyl ethyl ketone (78-93-3)	
LD50 oral rat	2483 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat	11700 ppm/4h
LC50 inhalation rat (Vapours - mg/l/4h)	34.5 mg/l/4h

Ligroine (8032-32-4)	
LC50 inhalation rat	3400 ppm/4h

Ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat	17.4 mg/l/4h

2-Butoxyethanol (111-76-2)	
LD50 oral rat	470 mg/kg
LC50 inhalation rat	486 ppm/4h

Toluene (108-88-3)	
LD50 oral rat	2600 mg/kg
LD50 oral	5000 mg/kg
LD50 dermal rabbit	12000 mg/kg
LC50 inhalation rat	12.5 mg/l/4h

n-Heptane (142-82-5)	
LD50 dermal rabbit	3000 mg/kg
LC50 inhalation rat	103 g/m ³ (Exposure time: 4 h)

Naphthalene (91-20-3)	
LD50 oral rat	1110 mg/kg
LD50 dermal rabbit	1120 mg/kg
LC50 inhalation rat	> 340 mg/m ³ (Exposure time: 1 h)

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: May cause drowsiness or dizziness.

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STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified.

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Viscosity, kinematic (calculated value) (40 °C)	255.3 m ² /s

Symptoms/effects after inhalation	: Toxic if inhaled. May cause drowsiness or dizziness. May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
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n-Butyl acetate (123-86-4)	
LC50 fish 1	100 mg/l (Exposure time: 96 h - Species: <i>Lepomis macrochirus</i> [static])
LC50 fish 2	17 - 19 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [flow-through])
EC50 72h algae (1)	674.7 mg/l (Species: <i>Desmodesmus subspicatus</i>)

Methyl ethyl ketone (78-93-3)	
LC50 fish 1	3130 - 3320 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [flow-through])
EC50 Daphnia 1	> 520 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)
EC50 Daphnia 2	5091 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)
NOEC chronic algae	93 mg/l

Ligroine (8032-32-4)	
EC50 72h algae (1)	4700 mg/l (Species: <i>Pseudokirchneriella subcapitata</i>)

Ethylbenzene (100-41-4)	
LC50 fish 1	11.0 - 18.0 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [static])
LC50 fish 2	4.2 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [semi-static])
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)
EC50 72h algae (1)	4.6 mg/l (Species: <i>Pseudokirchneriella subcapitata</i>)
EC50 72h algae (2)	2.6 - 11.3 mg/l (Species: <i>Pseudokirchneriella subcapitata</i> [static])
EC50 96h algae (1)	> 438 mg/l (Species: <i>Pseudokirchneriella subcapitata</i>)
EC50 96h algae (2)	1.7 - 7.6 mg/l (Species: <i>Pseudokirchneriella subcapitata</i> [static])
NOEC chronic crustacea	0.956 mg/l

2-Butoxyethanol (111-76-2)	
LC50 fish 1	1490 mg/l (Exposure time: 96 h - Species: <i>Lepomis macrochirus</i> [static])
LC50 fish 2	2950 mg/l (Exposure time: 96 h - Species: <i>Lepomis macrochirus</i>)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)

Toluene (108-88-3)	
LC50 fish 1	15.22 - 19.05 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [flow-through])
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [static])
EC50 Daphnia 1	5.46 - 9.83 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i> [Static])
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)
EC50 72h algae (1)	12.5 mg/l (Species: <i>Pseudokirchneriella subcapitata</i> [static])
EC50 96h algae (1)	> 433 mg/l (Species: <i>Pseudokirchneriella subcapitata</i>)
NOEC chronic crustacea	0.74 mg/l

n-Heptane (142-82-5)	
LC50 fish 1	375 mg/l (Exposure time: 96 h - Species: <i>Cichlid fish</i>)

Naphthalene (91-20-3)	
LC50 fish 1	5.74 - 6.44 mg/l (Exposure time: 96 h - Species: <i>Pimephales promelas</i> [flow-through])
LC50 fish 2	1.6 mg/l (Exposure time: 96 h - Species: <i>Oncorhynchus mykiss</i> [flow-through])
EC50 Daphnia 1	2.16 mg/l (Exposure time: 48 h - Species: <i>Daphnia magna</i>)

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Naphthalene (91-20-3)

EC50 Daphnia 2	1.96 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])
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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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n-Butyl acetate (123-86-4)

Partition coefficient n-octanol/water	1.81 (at 23 °C)
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Methyl ethyl ketone (78-93-3)

Partition coefficient n-octanol/water	0.3
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Ethylbenzene (100-41-4)

BCF fish 1	15
Partition coefficient n-octanol/water	3.2

2-Butoxyethanol (111-76-2)

Partition coefficient n-octanol/water	0.81 (at 25 °C)
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Toluene (108-88-3)

Partition coefficient n-octanol/water	2.7
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n-Heptane (142-82-5)

Partition coefficient n-octanol/water	4.66
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Naphthalene (91-20-3)

BCF fish 1	30 - 430
Partition coefficient n-octanol/water	3.6

12.4. Mobility in soil

n-Butyl acetate (123-86-4)

Partition coefficient n-octanol/water	1.81 (at 23 °C)
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Methyl ethyl ketone (78-93-3)

Partition coefficient n-octanol/water	0.3
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Ethylbenzene (100-41-4)

Partition coefficient n-octanol/water	3.2
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2-Butoxyethanol (111-76-2)

Partition coefficient n-octanol/water	0.81 (at 25 °C)
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Toluene (108-88-3)

Partition coefficient n-octanol/water	2.7
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n-Heptane (142-82-5)

Partition coefficient n-octanol/water	4.66
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Naphthalene (91-20-3)

Partition coefficient n-octanol/water	3.6
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12.5. Other adverse effects

Ozone	: Not classified.
Other information	: No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Additional information	: Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

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UN-No. (TDG)	: UN1263
Packing group	: II
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Transport document description	: UN1263 PAINT, 3, II
Proper Shipping Name (Transportation of Dangerous Goods)	: PAINT

Hazard labels (TDG)



14.2. Transport information/DOT

No additional information available

14.3. Air and sea transport

No additional information available

SECTION 15: Regulatory information

15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories

15.2. International regulations

No additional information available

SECTION 16: Other information

Date of issue	: 01-22-2019
Revision date	: 01-22-2019
Other information	: None.

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