

TOUCH UP SPRAY PAINT

TUSP-LIQUID

# Safety Data Sheet

## Section 1: Identification

### Product Identifier and Other Means of Identification

**Product Name:** Touch Up Spray Paint**SDS Code:** TUSP-Liquid**Related Part #** X####-4L, XS####-4L*(Note: The # sign represents figure variables related to different color tints)*

### Recommended Use and Restriction on Use

**Use:** Touch up paint**Uses Advised Against:** Not available

### Details of Manufacturer or Importer

**Manufacturer**MG Chemicals  
1210 Corporate Drive  
Burlington, Ontario L7L 5R6  
CANADAMG Chemicals (Head Office)  
9347-193 Street  
Surrey, British Columbia V4N 4E7  
CANADA**☎** +1-800-340-0772**FAX** +1-800-340-0773**E-MAIL** [support@mgchemicals.com](mailto:support@mgchemicals.com)**WEB** [www.mgchemicals.com](http://www.mgchemicals.com)**☎** +1-905-331-1396**FAX** +1-905-331-2682**E-MAIL** [info@mgchemicals.com](mailto:info@mgchemicals.com)**E-MAIL** (Competent Person): [sds@mgchemicals.com](mailto:sds@mgchemicals.com)

### Emergency Phone Number

**For hazardous material incidents ONLY**—leaks, spills, fires, exposures or accidents  
USA or CANADA: Call CHEMTREC ☎: **+1-800-424-9300****For emergencies involving dangerous goods;** Collect 24/7CANADA: Call CANUTEC ☎: **+1-613-996-6666** or **\*666** on cellular phones

**TOUCH UP SPRAY PAINT**

**TUSP-LIQUID**

**Section 2: Hazard(s) Identification**




**Classification of Hazardous Chemical**

**GHS Categories**

Criteria	Category	Signal Word	Pictograms
Aspiration Hazard	1	Danger	Health
Specific Target Organ Toxicity Repeated Exposure	1	Danger	Health
Carcinogenicity	2	Warning	Health
Reproductive Toxicity	2	Warning	Health
Flammable Liquid	2	Danger	Flame
Eye Irritation	2	Warning	Exclamation
Skin Irritation	2	Warning	Exclamation
Specific Target Organ Toxicity Single Exposure	3	Warning	Exclamation

Note: The degree of severity is ranked within each hazard class from 1 (Highest Severity) to up to 5 (Lowest Severity), which is opposite to HMIS and NFPA conventions. Severity category rankings do not allow comparisons between classes.

**Label Elements**

<b>Signal Word</b>	<b>DANGER</b>
<b>Pictograms</b>	<b>Hazard Statements</b>
	H304: May be fatal if swallowed and enters airways H372: Causes damage to organs through prolonged or repeated exposure H351: Suspected of causing cancer H361: Suspected of damaging fertility or the unborn child
	H225: Highly flammable liquid and vapor
	H319: Causes serious eye irritation H315: Causes skin irritation H336: May cause drowsiness or dizziness

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<b>Prevention</b>	<b>Precautionary Statements</b>
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof equipment.
P243	Take action to prevent static discharges.
P260	Do not breathe mist/vapors/spray.
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 protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	<b>Precautionary Statements</b>
P370 + P378	In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P304 + P340, P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell.
P303 +P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and with it before reuse.
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.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.

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**TUSP-LIQUID**
*Continued...*

<b>Storage</b>	<b>Precautionary Statements</b>
P403 + P235	Store in well-ventilated place. Keep cool.
P405	Store locked up.
<b>Disposal</b>	<b>Precautionary Statements</b>
P501	Dispose of contents/container in accordance to local/regional/international regulations.

**Hazards Not Otherwise Classified**

<b>Other Criteria</b>	<b>Hazard Statements/Precautionary Statement</b>	<b>Signal Word</b>	<b>Pictograms</b>
Defats skin	Repeated exposure may cause skin dryness or cracking.	None	None

**Section 3: Composition/Information on Ingredients**

<b>CAS #</b>	<b>Chemical Name</b>	<b>%(weight)</b>
67-64-1	acetone	32%
108-88-3	toluene	17%
108-65-6	1-methoxy-2-propanol acetate	6%
110-19-0	isobutyl acetate	5%
110-43-0	heptan-2-one	5%
64-17-5	ethanol	5%
13463-67-7	titanium dioxide <sup>a)</sup>	4%
141-78-6	ethyl acetate	3%
1333-86-4	carbon black <sup>a)</sup>	2%
1330-20-7	xylenes	1%
8052-41-3	Stoddard solvent <sup>a)</sup>	1%
100-41-4	ethylbenzene	0.6%

a) Colorant components may or may not be present depending on the choice of color.

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**Section 4: First-Aid Measures**

<i>Exposure Condition</i>	<i>GHS Code/Symptoms/Precautionary Statements</i>
<b>IF INHALED</b>	P304 + P340, P312, P308 + P313
<b>Immediate Symptoms</b>	<i>drowsiness, dizziness, cough, sore throat, headaches, nausea, unconsciousness</i>
<b>Response</b>	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention.
<b>IF ON SKIN (or hair)</b>	P303 +P361 + P353, P332 + P313, P362 + P364
<b>Immediate Symptoms</b>	<i>redness, irritation, dry skin</i>
<b>Response</b>	Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and with it before reuse.
<b>IF IN EYES</b>	P305 + P351 + P338, P337 + P313
<b>Immediate Symptoms</b>	<i>irritation, redness, blurred vision, pain</i>
<b>Response</b>	Rinse cautiously with water for 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>IF SWALLOWED</b>	P331, P301 + P310
<b>Immediate Symptoms</b>	<i>nausea, sore throat, diarrhea, drowsiness, dizziness, vomiting, abdominal pain</i>
<b>Response</b>	Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

**Section 5: Fire-Fighting Measures**

**Extinguishing Media** In case of fire: Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.  
Use water spray to cool containers.

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**TOUCH UP SPRAY PAINT****TUSP-LIQUID**

<b>Specific Hazards</b>	Produces irritating and toxic fumes in fires or in contact with hot surfaces.  The vapors are heavier than air and may accumulate in low-lying areas. Vapors may travel long distances and ignite at an ignition source, which can cause a flashback or an explosion.  Prevent fire-fighting wash from entering waterway or sewer system.
<b>Combustion Products</b>	Produces carbon oxides (CO,CO <sub>2</sub> ) and toxic fumes.
<b>Fire-Fighter</b>	Wear self-contained breathing apparatus and full fire-fighting turn-out gear.

**Section 6: Accidental Release Measures**

<b>Personal Protection</b>	See personal protection recommendations in Section 8.
<b>Precautions for Response</b>	Do not breathe the mist/spray/vapors. Remove or keep away all sources of extreme heat or open flames.
<b>Environmental Precautions</b>	Avoid releasing to the environment. Prevent spill from entering drains and waterways.
<b>Containment Methods</b>	Contain with inert absorbent (such as soil, sand, vermiculite).
<b>Cleaning Methods</b>	Collect liquid in a sealable, solvent-resistant container. Sprinkle inert absorbent compound onto spill, then sweep into the container. Wash spill area with soap and water to remove the last traces of residue.
<b>Disposal Methods</b>	Dispose of spill waste according to Section 13.

**Section 7: Handling and Storage**

<b>Prevention</b>	Keep out of reach of children.  Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.  Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  Keep container tightly closed. Ground and bond container and receiving equipment.  Use explosion-proof equipment.  Take action to prevent static discharges.  Do not breathe mist/vapors/spray. Use only outdoors or in a well-ventilated area.  Do not eat, drink, or smoke when using this product.  <i>Section continued on the next page</i>
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**Handling**                      Wear protective gloves/protective clothing/eye protection/face protection.  
    Take off contaminated clothing and wash it before reuse.  
    Wash hands thoroughly after handling.

**Storage**                        Store in well-ventilated place. Keep cool.  
    Store locked up.

**Section 8: Exposure Controls/Personal Protection**

**Substances with Occupational Exposure Limit Values**

Chemical Name	Country/ Provinces	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
acetone	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	500 ppm 1 000 ppm 500 ppm 250 ppm 500 ppm 750 ppm	750 ppm Not established 750 ppm 500 ppm 750 ppm 1 000 ppm
toluene	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	20 ppm 200 ppm 50 ppm 20 ppm 20 ppm 100 ppm	Not established 300 ppm Not established Not established Not established 150 ppm
1-methoxy-2-propanol acetate	ACGIH U.S.A. OSHA WEEL Canada AB Canada BC Canada ON Canada QC	Not established 50 ppm Not established 50 ppm 50 ppm Not established	Not established Not established Not established 75 ppm Not established Not established
isobutyl acetate	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	150 ppm 150 ppm 150 ppm 150 ppm 150 ppm 150 ppm	Not established Not established Not established Not established Not established Not established
heptan-2-one	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	50 ppm 100 ppm 50 ppm 50 ppm 25 ppm 50 ppm	Not established Not established Not established Not established Not established Not established

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*Continued...*

<b>Chemical Name</b>	<b>Country/ Provinces</b>	<b>Long Term Exposure Limits (PEL)</b>	<b>Short Term Exposure Limits (STEL)</b>
ethanol	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	Not established 1 000 ppm 1 000 ppm Not established Not established 1 000 ppm	1 000 ppm Not established Not established 1 000 ppm 1 000 ppm Not established
titanium dioxide	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	10 mg/m <sup>3</sup> 15 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> 10 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Not established Not established Not established Not established Not established Not established
ethyl acetate	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	400 ppm 400 ppm 400 ppm 150 ppm Not established 400 ppm	Not established Not established Not established Not established Not established Not established
carbon black <sup>a)</sup>	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup> 3 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup> 3.5 mg/m <sup>3</sup>	Not established Not established Not established Not established Not established Not established
xylene	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	100 ppm 100 ppm 100 ppm 100 ppm 100 ppm 100 ppm	150 ppm 150 ppm 150 ppm 150 ppm 150 ppm 150 ppm
Stoddard solvent	ACGIH U.S.A. OSHA PEL Canada AB Canada BC Canada ON Canada QC	100 ppm 500 ppm 100 ppm 290 mg/m <sup>3</sup> 100 ppm 100 ppm	Not established Not established Not established 580 mg/m <sup>3</sup> Not established Not established

*Note:* Ingredients are listed in descending weight contribution order (from greatest to least). The ACGIH<sup>1</sup>, OSHA (Table Z-1), and Canadian provinces exposure limits were consulted. Limits from by RTECS database<sup>2</sup> and data from suppliers' SDS were also consulted. Short term exposure limits (STEL) are for 15 min and long term permissible exposure limits (PEL) for 8 h.

a) Respirable airborne particles

*Section continued on the next page*



**TOUCH UP SPRAY PAINT****TUSP-LIQUID****Engineering Controls****Ventilation**

Keep airborne concentrations below the occupational exposure limits (OEL).

Because the carbon black and titanium dioxide are bound to the liquid mixture, it does not present an airborne hazard under normal use. Ensure adequate ventilation if the product is mechanically misted or aerosolized.

**Personal Protective Equipment****Eye protection**

Wear appropriate protective eyeglasses or chemical safety goggles.

**Recommendation:** Ensure that glasses have side shields for lateral protection.

**Skin Protection**

For likely contacts, use of protective butyl rubber, fluorinated rubber, or other chemically resistant gloves.

For incidental contacts, use nitrile, neoprene, PVC gloves, or other chemically resistant gloves.

**Respiratory Protection**

For over-exposures up to 10 x OEL of mist/vapors/spray, wear respirator such as a half-mask respirator with organic vapor cartridges.

Above 10 x OEL, use a positive-pressure, air-supplied respirator or a self-contained breathing apparatus.

**RECOMMENDATION:** Consult your local safety supply store to ensure that your respirator has a NIOSH (U.S.) approved filter cartridges appropriate for the ingredients listed in Section 3. The respirator should be fitted to the employee by a professional. Ensure vapor cartridges are stored in sealed plastic bags when not being used.

**General Hygiene Considerations**

Wash hands thoroughly with water and soap after handling.

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**Section 9: Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Lower Flammability Limit</b> <sup>a)</sup>	1%
<b>Appearance</b>	Not available	<b>Upper Flammability Limit</b> <sup>a)</sup>	13%
<b>Odor</b>	Ethereal	<b>Vapor Pressure @20 °C</b> <sup>b)</sup>	~37 hPa [~27 mmHg]
<b>Odor Threshold</b>	Not available	<b>Vapor Density</b>	>2 (Air =1)
<b>pH</b>	Not available	<b>Specific Gravity @25 °C</b>	0.8 to 0.9
<b>Freezing/Melting Point</b>	Not available	<b>Solubility in Water</b>	Partially soluble
<b>Boiling Point</b> <sup>a)</sup>	≥56 °C [≥133 °F]	<b>Partition Coefficient</b>	Not available
<b>Flash Point</b> <sup>a)</sup>	-17 °C [1.4 °F]	<b>Auto-ignition Temperature</b> <sup>c)</sup>	≥315 °C [≥599 °F]
<b>Evaporation Rate</b>	Fast	<b>Decomposition Temperature</b>	Not available
<b>Flammability (solid, gas)</b>	Not available	<b>Viscosity @40 °C</b>	<20.5 mm <sup>2</sup> /s

a) Values based on acetone component.

b) Calculated based on components.

c) Values based on 1-methoxy-2-propanol acetate, which is the component with the lowest auto-ignition value.

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available
<b>Chemical Stability</b>	Chemically stable at normal temperatures and pressures
<b>Conditions to Avoid</b>	Avoid ignition sources, open flames, and incompatible substances.
<b>Incompatibilities</b>	Oxidizing agents, strong acids, strong bases, alkali, alkali metals, peroxides, halogens, vinyl chloride, and iodine pentafluoride
<b>Polymerization</b>	Will not occur
<b>Decomposition</b>	Will not decompose under normal conditions. For thermal decomposition, see combustion products in Section 5.

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**Section 11: Toxicological Information**

**Routes of Exposure**

Ingestion, Inhalation, Skin contact, and Eye contact

**Symptoms Summary**

- Inhalation** May cause drowsiness, dizziness, cough, sore throat, headaches, nausea, and/or unconsciousness.
- Skin** May cause skin redness, irritation, and/or dry skin.
- Eyes** May cause severe irritation, redness, blurred vision, and/or pain.
- Ingestion** May cause nausea, sore throat, diarrhea, vomiting, and/or abdominal pain.
- Chronic** Prolonged or repeated exposure may cause skin dryness, cracking, as well as defatting the skin.  
  
Chronic inhalation exposure may effect the central nervous system and lead to hearing loss with co-exposure to loud noises.  
  
Ingestion or inhalation of paint material, mist, or vapor during pregnancy may increase the chances fetal death and developmental defects.

**Acute Toxicity (Lethal Exposure Concentrations)**

<b>Chemical Name</b>	<b>LD50 oral</b>	<b>LD50 dermal</b>	<b>LC50 inhalation</b>
acetone	5 800 mg/kg Rat	20 mL/kg Rabbit <sup>a)</sup>	16 000 ppm 6h Rat
toluene	636 mg/kg Rat	12 124 mg/kg Rabbit	49 g/m <sup>3</sup> 4h Rat
1-methoxy-2-propanol acetate	8 532 mg/kg Rat	>5 g/kg Rabbit	Not available
isobutyl acetate	13 400 mg/kg Rat	>17 400 mg/kg Rabbit	>13.24 mg/L 6 h Rat
heptan-2-one	1 670 mg/kg Rat	12 600 µL/kg Rabbit	Not available
ethanol	7 060 mg/kg Rat	Not available	20 000 ppm 10 h Rat
titanium dioxide	60 g/kg Rat	Not available	Not available

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<b>Chemical Name</b>	<b>LD50 oral</b>	<b>LD50 dermal</b>	<b>LC50 inhalation</b>
ethyl acetate	5 620 mg/kg Rat	>20 000 µL/kg Rabbit	45 g/m <sup>3</sup> 2 h Mouse
carbon black	>15 g/kg Rat	>3 g/kg Rabbit <sup>b)</sup>	Not established
xylene	4 350 mg/kg Rat	>1 700 mg/kg Rabbit	5 000 ppm 4 h Rat
Stoddard solvent	>5 000 mg/kg Rat	>3 000 mg/kg Rat	14 000 ppm 8 h Rat

*Note:* Toxicity data from the RTECS<sup>2</sup> and ECHA databases were consulted. The data from supplier (M)SDS were also consulted.

a) Supplier MSDS

b) Lethal dose

**Other Toxicological Effects****Skin corrosion/irritation**

Toluene and xylene causes skin irritation based on Draize tests on animals.

**Serious eye damage/irritation**

Acetone, ethanol, and ethyl acetate are known serious eye irritants.

**Sensitization**  
(allergic reactions)

Based on available data, the classification criteria are not met.

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**TOUCH UP SPRAY PAINT****TUSP-LIQUID****Carcinogenicity**

(risk of cancer)

The carbon black and titanium dioxide are possibly carcinogenic by airborne routes of exposures under WHMIS.

**Carbon Black [1333-86-4]**

IARC Group 2B: Possibly carcinogenic to humans

ACGIH A3: Confirmed Animal Carcinogen with Unknown Relevance to Humans

CA Prop 65: Listed as a carcinogen (airborne, as unbound particles of respirable size)

NTP: Not listed

**Titanium Dioxide [13463-67-7]**

IARC Group 2B: Possibly carcinogenic to humans

ACGIH A4: Not classified as a human carcinogen

CA Prop 65: Listed as a carcinogen (airborne, as unbound particles of respirable size)

NTP: Not listed

**Ethylbenzene [100-41-4]**

IARC Group 2B: Possibly carcinogenic to humans

ACGIH A3: Confirmed animal carcinogen with unknown relevance to humans

CA Prop 65: Listed as a carcinogen

NTP: Not listed

**Ethanol [64-17-5]**

IARC Group 1: Carcinogenic to human when consumed as beverage.

ACGIH A3: Confirmed animal carcinogen with unknown relevance to humans

CA Prop 65: Listed as a carcinogen when consumed as a beverage

NTP: Not listed

**Mutagenicity**

(risk of heritable genetic effects)

Based on available data, the classification criteria are not met.

**Reproductive Toxicity**

(risk to sex functions)

At high doses, spermatogenesis was observed in male rat by inhalation of toluene.

*Section continued on the next page*

**TOUCH UP SPRAY PAINT****TUSP-LIQUID****Teratogenicity**

(risk of fetus malformation)

Fetotoxicity is observed in animal studies for inhalation and oral exposures for toluene. Extreme consumption of ethanol also presents risks for the newborn.

**STOT-single exposure**

Acetone, toluene, 1-methoxy-2-propanol acetate, isobutyl acetate, heptan-2-one, ethyl acetate, and xylene can affect the central nervous system by inhalation causing drowsiness or dizziness.

**STOT-repeated exposure**

Contains 1% Stoddard solvent, which is classified by European authorities as a Cat 1 STOT RE toxicant with respect to the central nervous system.

Contains 17% toluene, which is a Cat 2 STOT repeated exposure hazard for the central nervous system and cochlear systems. Toluene and xylenes are ototoxic chemicals according to rat studies: inhalation exposure in the presence of noise may lead to cochlear impairment.

**Aspiration hazard**

The liquid content is classified as Cat 1 aspiration hazard. It is composed of >10% Cat 1 substances and the kinematic viscosity is <20.5 mm<sup>2</sup>/s at 40 °C.

**Section 12: Ecological Information**

Ecological classifications are based on the IMDG/GHS criteria in conjunction with ecotoxicological data from our suppliers, the European Chemical Agency database (<http://echa.europa.eu>), and other reliable sources.

Toluene is an acute category 2 environmental toxicant with minimal LC50 of 7.63 mg/L for *Oncorhynchus mykiss* (rainbow trout); 8.9 mg/L 24 h *Daphnia magna* (water flea); 10 mg/L 24 h *Pseudokirchneriella subcapitata* (green algae).

The 1-methoxy-2-propanol acetate component is an acute category 3 environmental toxicant (with minimal LC50 96 h of  $\geq 100$  mg/L *Salmo gairdneri*).

The Stoddard solvent is a chronic category 2 environmental toxicant.

Acetone, isobutyl acetate, heptan-2-one, ethanol, ethyl acetate, titanium dioxide, and carbon black are not classifiable as an environmental toxicant (with minimal LC50 of >100 mg/L).

- Acetone has a minimal LC50 96 h of 5 540 mg/L for *Oncorhynchus mykiss* (rainbow trout); EC50 48 h 13 500 mg/L *Daphnia magna* (water flea).
- Isobutyl acetate as a minimal LC50 48 h of 101 mg/L for *Leuciscus idus melanotus* and 250 mg/L for *Daphnia magna* (water flea).
- Heptan-2-one has a minimal LC50 96 h of 126 mg/L for *Pimephales promelas* (fathead minnow).

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- Ethanol has minimal LC50 of 12 000 mg/L 96 h for *Oncorhynchus mykiss* (rainbow trout) and 5 770 mg/L for *Pimephales promelas* (fathead minnow); LC 50 48 h of 5 012 mg/L for *Cerodaphnia* sp.
- Ethyl acetate is biodegradable, with minimal LC50 of 220 mg/L for fathead minnow (*Pimephales promelas*); LC50 24 h of 560 mg/L and EC50 24 h of 2 300 mg/L *Daphnia magna* (water flea).

**Acute Ecotoxicity**

Available data doesn't give rise to classification as an acute ecotoxicant.

**Chronic Ecotoxicity**

Available data doesn't give rise to classification as a chronic ecotoxicant.

**Biodegradability**

Expected to be biodegradable. The volatile solvent constituents will oxidize rapidly in air by photochemical reaction.

**Other Effects**

Actual VOC (Volatile Organic Compounds) content according to the US (EPA) and Canadian (CEPA) authorities.

VOC = 38% [352 g/L]

**Section 13: Disposal Information**

Dispose of contents in accordance with all local, regional, national, and international regulations.

*Section continued on the next page*

**TOUCH UP SPRAY PAINT**

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**Section 14: Transport Information**

**Ground**

**Refer to TDG regulations** (Canadian Transportation of Dangerous Goods regulations); **USA DOT 49 CFR** (Parts 100 to 185) **Regulations.**

Sizes 5 liters and under

**Limited Quantity**



Sizes greater than 5 liters

**UN number:** UN1263  
**Shipping Name:** PAINT  
**Class:** 3  
**Packing Group:** II  
**Marine Pollutant:** No



Flash Point -17 °C [1.4 °F]

**Air**

**Refer to ICAO-IATA Dangerous Goods Regulations.**

Sizes up to 5 L (passenger), 60 L (cargo)

**UN number:** UN1263  
**Shipping Name:** PAINT  
**Class:** 3  
**Packing Group:** II  
**Marine Pollutant:** No



Flash Point -17 °C [1.4 °F]

**Sea**

**Refer to IMDG regulations.**

Sizes 5 liters and under

**Limited Quantity**



Sizes greater than 5 liters

**UN number:** UN1263  
**Shipping Name:** PAINT  
**Class:** 3  
**Packing Group:** II  
**Marine Pollutant:** No



Flash Point -17 °C [1.4 °F]

**Note: Shipper must be appropriately trained and certified before involvement with the transport of dangerous goods.**



**TOUCH UP SPRAY PAINT****TUSP-LIQUID****Section 15: Regulatory Information****Canada****Domestic Substance List (DSL) / Non-Domestic Substance Lists (NDSL)**

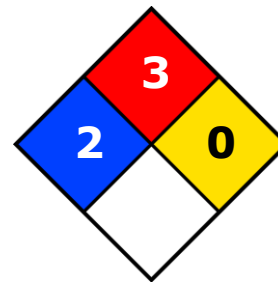
All hazardous ingredients are listed on the DSL.

**Industry and Science Canada**

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

**USA****Other Classifications****HMIS® RATING**

<b>HEALTH:</b>	<b>*</b>	<b>2</b>
<b>FLAMMABILITY:</b>		<b>3</b>
<b>PHYSICAL HAZARD:</b>		<b>0</b>
<b>PERSONAL PROTECTION:</b>		

**NFPA® 704 CODES**

*Approximate HMIS and NFPA Risk Ratings Legend:*

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

**CAA (Clean Air Act, USA)**

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product contains toluene and xylene, which are listed as hazardous air pollutants.

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**TOUCH UP SPRAY PAINT****TUSP-LIQUID****EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product contains toluene (CAS# 108-88-3; reportable quantity = 1 000 lb), xylene (CAS# 1330-20-7, reportable quantity = 100 lb), and ethylbenzene (CAS # 100-41-4; reportable quantity = 1000 lb) which are subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

This product contains acetone (CAS# 67-64-1), isobutyl acetate (CAS# 110-19-0) and ethyl acetate (CAS# 141-78-6), which are subject to the CERCLA reporting requirements at the 5 000 lb (2 268 kg) threshold.

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

**California Proposition 65** (Chemicals known to cause cancer or reproductive toxicity, June 06, 2014 revision, USA).

This product contains toluene, which is listed as reproductively toxic.

This product contains titanium dioxide and carbon black which are listed as a carcinogenic substances when airborne, as unbound particles of respirable size.

This product contains ethylbenzene (CAS # 100-41-4), which is listed as a carcinogen.

This product contains ethanol, which is listed as reproductively toxic. It is also listed as a carcinogen when in an alcoholic beverage.

**Europe****RoHS** (Restriction of Hazardous Substances Directive)

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

**WEEE** (Waste Electrical and Electronic Equipment Directive)

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

**Section 16: Other Information**

**SDS Prepared by** Michel Hachey

**Date of Review** 29 August 2016

**Supersedes** 15 June 2015

**Reason for Changes:** Changes to better meet HCS 2012 and WHMIS 2015 requirements.

*Section continued on the next page*

**TOUCH UP SPRAY PAINT****TUSP-LIQUID****Reference**

- 1) ACGIH 2013 TLVs and BEIs: Based on the documentation of the threshold limit values for chemical substances and physical agents & biological exposure indices, American Conference of Governmental of Industrial Hygienist Cincinnati, OH (2013).
- 2) All toxicological data were checked against the RTECS (Registry of Toxic Effects of Chemical Substances®)

**Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists (USA)
EC50	Half maximal effective concentration
EL50	Half maximal effective loading
IARC	International Agency for Research on Cancer
NOELR	No observable effect loading ratio
NTP	National Toxicology Program
GHS	Globally Harmonized System of Classification of Labeling of Chemicals
LC50	Lethal Concentration 50%
LCLo	Lowest published lethal concentration
LD50	Lethal Dose 50%
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
SDS	Safety Data Sheet
STEL	Short-Term Exposure Limit
TCLo	Lowest published toxic concentration
TWA	Time Weighted Average
VOC	Volatile Organic Content

**Technical Queries** Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at [www.mgchemicals.com](http://www.mgchemicals.com).

Email: [support@mgchemicals.com](mailto:support@mgchemicals.com)

**Mailing Addresses** *Manufacturing & Support*  
1210 Corporate Drive  
Burlington, Ontario, Canada  
L7L 5R6

*Head Office*  
9347-193rd Street  
Surrey, British Columbia, Canada  
V4N 4E7

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