

TOUCH UP SPRAY PAINT

TUSP-AEROSOL

Safety Data Sheet

Section 1: Identification

Product Identifier and Other Means of Identification

Product Name: Touch Up Spray Paint**SDS Code:** TUSP-Aerosol**Related Part #** X####-340G, XS####-340G, X####-140G, XS####-140G

Recommended Use and Restriction on Use

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

Details of Manufacturer or Importer

ManufacturerMG 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**☎** +1-905-331-1396**FAX** +1-800-340-0773**FAX** +1-905-331-2682**E-MAIL** support@mgchemicals.com**E-MAIL** info@mgchemicals.com**WEB** www.mgchemicals.com**E-MAIL** (Competent Person): 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

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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 Aerosol	2	Warning	Flame
Gas Under Pressure Liquefied Gas	Liquefied Gas	Warning	Gas Cylinder
Eye Irritation	2	Warning	Exclamation
Skin Irritation	2	Warning	Exclamation
Specific Target Organ Toxicity Single Exposure	3	Warning	Exclamation
Environmental Hazard Acute Aqua. Tox.	3	<i>none</i>	Environment

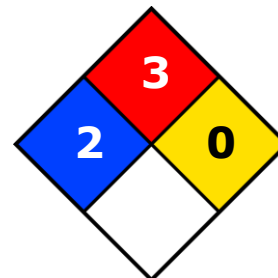
Note: The degree of severity is ranked within each hazard class from 1 (Highest Severity) to up to 5 (Lowest Severity), which is opposite to HMIS and NFPA conventions. Severity category rankings do not allow comparisons between classes.

Other Classifications

HMIS® RATING

HEALTH:	* 2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA® 704 CODES







Approximate HMIS and NFPA Risk Ratings Legend:
0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

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Label Elements

Signal Word	DANGER
Pictograms	Hazard Statements
	H304: May be fatal if swallowed and enters airways H372: Cause damage to organs through prolonged or repeated exposure H351: Suspected of causing cancer. H361: Suspected of damaging fertility or the unborn child
	H223: Flammable aerosol
	H229: Pressurized container: may burst if heated
	H315: Causes skin irritation H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness
<i>No Symbol Mandated</i>	H402: Harmful to aquatic life.
Prevention	Precautionary Statements
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, 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.
P260 + P271	Do not breathe mist/vapors/spray. Use only outdoors or in a well-ventilated area.
P270	Do not eat, drink, or smoke when using this products.

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Prevention	Precautionary Statements
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves/eye protection/face protection.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
Response	Precautionary Statements
P301 + P310, P331	IF SWALLOWED: Immediately call a POISON CENTER/doctor. 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.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
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.
P302 + P352	IF ON SKIN: Wash with plenty water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P362 + P364	Take off contaminated clothing and with it before reuse.
Storage	Precautionary Statements
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C [122 °F].
P403	Store in well-ventilated place.
P405	Store locked up.
Disposal	Precautionary Statements
P501	Dispose of contents/container in accordance to local/regional/international regulations.

Hazards Not Otherwise Classified

Repeated exposure may cause skin dryness or cracking.

TOUCH UP SPRAY PAINT**TUSP-AEROSOL****Section 3: Composition/Information on Ingredients**

CAS #	Chemical Name	Wt%
811-97-2	1,1,1,2-tetrafluoroethane	45%
67-64-1	acetone	15-18%
108-88-3	toluene	7-10%
108-65-6	1-methoxy-2-propanol acetate	3-5%
13463-67-7	titanium dioxide ^{a)}	1-5%
110-43-0	heptan-2-one	1-3%
110-19-0	isobutyl acetate	1-3%
64-17-5	ethanol	1-3%
141-78-6	ethyl acetate	0.5-1.5%
1330-20-7	xylenes	0.5-1.5%
1333-86-4	carbon black ^{a)}	0.5-1.5%
8052-41-3	Stoddard solvent ^{a)}	0.5-1.5%

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

TOUCH UP SPRAY PAINT**TUSP-AEROSOL****Section 4: First-Aid Measures**

<i>Exposure Condition</i>	<i>GHS Code/Symptoms/Precautionary Statements</i>
IF SWALLOWED	P301 + P310, P331
Immediate Symptoms	<i>nausea, sore throat, diarrhea, drowsiness, dizziness</i>
Response	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.
IF INHALED	P304 + P340, P312, P308 + P313
Immediate Symptoms	<i>drowsiness, dizziness, cough, headaches, nausea, unconsciousness</i>
Response	Remove person to fresh air and keep comfortable for breathing. If you feel unwell: Call a POISON CENTRE/doctor. If exposed or concerned: Get medical advice/attention.
IF IN EYES	P305 + P351 + P338, P337 + P313
Immediate Symptoms	<i>irritation, redness</i>
Response	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.
IF ON SKIN	P302 + P352, P332 + P313, P314, P362 + P364
Immediate Symptoms	<i>redness, irritation, dry skin</i>
Response	IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Get medical advice/attention if you feel unwell. Take off contaminated clothing and with it before reuse.

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Section 5: Fire-Fighting Measures

Auto-ignition Temperature ^{a)}	≥315 °C [599 °F]	Flash Point ^{b)}	-18 °C [-0.4 °F]	LFL [LEL]	1%
				UFL [UEL] ^{b,c)}	13%

In case of fire P370 + P378

Extinguishing Media Use dry chemical, carbon dioxide, chemical foam, or water spray to extinguish.
Use water spray to cool containers.

Specific Hazards Aerosols containers may erupt with force at temperatures above 50 °C [122 °F].
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.

Combustion Products Produces carbon oxides (CO,CO₂), halogenated compounds, and hydrogen fluorides.

Fire-Fighter Wear self-contained breathing apparatus for fire fighting

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

b) Values based on acetone component.

c) LFL = Lower Flammability [or Explosion] Limit (in volume %);
UFL = Upper Flammability [or Explosion] Limit (in volume %)

Section 6: Accidental Release Measures

Personal Protection See personal protection recommendations in Section 8.

Precautions for Response Do not breathe the mist/spray/vapors. Remove or keep away all sources of extreme heat or open flames.

Environmental Precautions Avoid releasing to the environment. Prevent spill from entering drains and waterways.

Containment Methods Not applicable

Cleaning Methods 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.

Disposal Methods Dispose of spill waste according to Section 13.

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Section 7: Handling and Storage

- Prevention** 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.
- Do not spray on open flame or other ignition source.
- Do not pierce or burn, even after use.
- 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.
- Handling** Wear protective gloves/clothing/eye protection.
- Take off contaminated clothing and wash it before reuse.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Storage** Protect from sunlight. Do not expose to temperatures exceeding 50 °C [122 °F]. Store in well ventilated place.
- Store locked up.

Section 8: Exposure Controls/Personal Protection

Routes of Entry

ingestion, inhalation, and skin

Substances with Occupational Exposure Limit Values

Chemical Name	Country/ Provinces	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
1,1,1,2- tetrafluoroethane	MG Chemicals ^{a)}	1 000 ppm	Not established
	ACGIH	Not established	Not established
	U.S.A. OSHA PEL	Not established	Not established
	Canada	Not established	Not established

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Chemical Name	Country	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
acetone	ACGIH	500 ppm	750 ppm
	U.S.A. OSHA PEL	1000 ppm	Not established
	Canada AB	500 ppm	750 ppm
	Canada BC	250 ppm	500 ppm
	Canada ON	500 ppm	750 ppm
	Canada QC	750 ppm	1000 ppm
toluene	ACGIH	20 ppm	Not established
	U.S.A. OSHA PEL	100 ppm	150 ppm
	Canada AB	50 ppm	Not established
	Canada BC	20 ppm	Not established
	Canada ON	50 ppm	Not established
	Canada QC	100 ppm	150 ppm
1-methoxy-2-propanol acetate	ACGIH	Not established	Not established
	U.S.A. OSHA PEL	50 ppm	Not established
	Canada AB	Not established	Not established
	Canada BC	50 ppm	75 ppm
	Canada ON	50 ppm	Not established
	Canada QC	Not established	Not established
titanium dioxide	ACGIH	10 mg/m ³	Not established
	U.S.A. OSHA PEL	15 mg/m ³	Not established
	Canada AB	10 mg/m ³	Not established
	Canada BC	10 mg/m ³	Not established
	Canada ON	10 mg/m ³	Not established
	Canada QC	10 mg/m ³	Not established
heptan-2-one	ACGIH	50 ppm	Not established
	U.S.A. OSHA PEL	100 ppm	Not established
	Canada AB	50 ppm	Not established
	Canada BC	50 ppm	Not established
	Canada ON	25 ppm	Not established
	Canada QC	50 ppm	Not established
isobutyl acetate	ACGIH	150 ppm	Not established
	U.S.A. OSHA PEL	150 ppm	Not established
	Canada AB	150 ppm	Not established
	Canada BC	150 ppm	Not established
	Canada ON	150 ppm	Not established
	Canada QC	150 ppm	Not established
ethanol	ACGIH	1 000 ppm	Not established
	U.S.A. OSHA PEL	1 000 ppm	Not established
	Canada AB	1 000 ppm	Not established
	Canada BC	Not established	1 000 ppm
	Canada ON	Not established	1 000 ppm
	Canada QC	1 000 ppm	Not established

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Chemical Name	Country	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
xylenes	ACGIH	100 ppm	150 ppm
	U.S.A. OSHA PEL	100 ppm	150 ppm
	Canada AB	100 ppm	150 ppm
	Canada BC	100 ppm	150 ppm
	Canada ON	100 ppm	150 ppm
	Canada QC	100 ppm	150 ppm
ethyl acetate	ACGIH	400 ppm	Not established
	U.S.A. OSHA PEL	400 ppm	Not established
	Canada AB	400 ppm	Not established
	Canada BC	150 ppm	Not established
	Canada ON	Not established	Not established
	Canada QC	400 ppm	Not established
carbon black	ACGIH	3.5 mg/m ³	Not established
	U.S.A. OSHA PEL	3.5 mg/m ³	Not established
	Canada AB	3.5 mg/m ³	Not established
	Canada BC	3 mg/m ³	Not established
	Canada ON	3.5 mg/m ³	Not established
	Canada QC	3.5 mg/m ³	Not established
Stoddard solvent	ACGIH	100 ppm	Not established
	U.S.A. OSHA PEL	500 ppm	Not established
	Canada AB	100 ppm	Not established
	Canada BC	290 mg/m ³	580 mg/m ³
	Canada ON	100 ppm	Not established
	Canada QC	100 ppm	Not established

Note: Ingredients are listed in descending weight contribution order (from greatest to least). The ACGIH¹, OSHA (Table Z-1), and Canadian provinces exposure limits were consulted. Limits from by RTECS database² of the Canadian Centre for Occupational Health and Safety (CCOHS) a 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) MG Chemicals recommended limit.

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TOUCH UP SPRAY PAINT**TUSP-AEROSOL****Engineering Controls**

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

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 your respirator has filter cartridges appropriate for the ingredients listed in section 3 of this SDS, and that the respirator is fitted to the employee by a professional.

General Hygiene Considerations

Wash hands thoroughly with water and soap after handling.

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Section 9: Physical and Chemical Properties

Physical State	Liquid, in aerosol format	Lower Flammability Limit ^{a)}	1%
Appearance	Not available	Upper Flammability Limit ^{a)}	13%
Odor	Ethereal	Vapor Pressure @20 °C ^{b)}	~37 hPa [~27 mmHg]
Odor Threshold	Not available	Vapor Density	>2 (Air =1)
pH	Not available	Specific Gravity @25 °C	0.8 to 0.9
Freezing/Melting Point	Not available	Solubility in Water	Partially soluble
Boiling Point ^{a)}	≥56 °C [≥132 °F]	Partition Coefficient	Not available
Flash Point ^{a)}	-18 °C [-4 °F]	Auto-ignition Temperature ^{c)}	≥315 °C [≥599 °F]
Evaporation Rate	fast	Decomposition Temperature	Not available
Flammability (solid, gas)	Not available	Viscosity @40 °C	<20.5 mm ² /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.

TOUCH UP SPRAY PAINT**TUSP-AEROSOL****Section 10: Stability and Reactivity**

Reactivity	Not available
Chemical Stability	Chemically stable at normal temperatures and pressures
Conditions to Avoid	Temperatures above 50 °C [122 °F], open flames, and incompatible substances
Incompatibilities	Oxidizing agents, strong acids, strong bases, alkali, alkali metals, peroxides, halogens, vinyl chloride, and iodine pentafluoride
Polymerization	Will not occur
Decomposition	Will not decompose under normal conditions. For thermal decomposition, see combustion products in Section 5

Section 11: Toxicological Information**Routes of Exposure**

Ingestion, inhalation, eyes, and skin

Symptoms Summary

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

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TOUCH UP SPRAY PAINT
TUSP-AEROSOL
Acute Toxicity (Lethal Exposure Concentrations)

Chemical Name	LD50 oral	LD50 dermal	LC50 inhalation
1,1,1,2-tetrafluoroethane	Not available	Not available	1 500 g/m ³ 4 h Rat
acetone	5 800 mg/kg Rat	20 mL/kg Rabbit ^{a)}	16 000 ppm 6h Rat
toluene	636 mg/kg Rat	12 124 mg/kg Rabbit	49 g/m ³ 4h Rat
1-methoxy-2-propanol acetate	8 532 mg/kg Rat	>5 g/kg Rabbit	Not available
titanium dioxide	60 g/kg Rat	Not available	Not available
heptan-2-one	1 670 mg/kg Rat	12 600 µL/kg Rabbit	Not available
isobutyl acetate	13 400 mg/kg Rat	>17 400 mg/kg Rabbit	>13.24 mg/L 6 h Rat
ethanol	7 060 mg/kg Rat	Not available	20 000 ppm 10 h Rat
ethyl acetate	5 620 mg/kg Rat	>20 000 µL/kg Rabbit	45 g/m ³ 2 h Mouse
xylenes	4 350 mg/kg Rat	>1 700 mg/kg Rabbit	5 000 ppm 4 h Rat
carbon black	>15 g/kg Rat	>3 g/kg Rabbit ^{b)}	Not established
Stoddard solvent	>5 000 mg/kg Rat	>3 000 mg/kg Rat	14 000 ppm 8 h Rat

Note: Toxicity data from the RTECS database accessed through the Canadian Centre for Occupational Health and Safety (CCOHS)² were consulted. The data from supplier (M)SDS were also consulted.

a) Supplier MSDS

b) Lethal dose

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TOUCH UP SPRAY PAINT**TUSP-AEROSOL****Other Toxicological Effects****Skin corrosion/irritation**

Toluene and xylenes 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)

No classifiable effects known

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

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)

Not available

Reproductive Toxicity
(risk to sex functions)

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

TOUCH UP SPRAY PAINT**TUSP-AEROSOL***Continued on the next page***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 xylenes can affect the central nervous system by inhalation causing drowsiness or dizziness.

STOT-repeated exposure

Contains up to 5% Stoddard solvent, which is classified by European authorities as a Cat 1 STOT RE toxicant with respect to the central nervous system.

Contains 10% 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 is content is classified as Cat 1 aspiration hazards. It is composed of >10% Cat 1 substances, and the kinematic viscosity is <20.5 mm²/s at 40 °C.

Section 12: Ecological Information

The IMDG Code criteria, the raw-material safety data sheets, and supporting data from the European Chemical Agency database (<http://echa.europa.eu>) were used to support the classification.

Acetone is not classifiable as an environmental toxicant (with 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)).

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 ≥100 mg/L *Salmo gairdneri*).

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TOUCH UP SPRAY PAINT**TUSP-AEROSOL**

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). 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

Category 3

H402: Harmful to aquatic life

Avoid release of the environment.

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

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

VOC = 30% [302 g/L]

Section 13: Disposal Information

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

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Section 14: Transport Information

Ground

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

Limited Quantity



UN number: UN1950

Shipping Name:
AEROSOLS, flammable

Class: 2.1

Packing Group: Not applicable

Marine Pollutant: No

Air

Refer to ICAO-IATA Dangerous Goods Regulations.

Limited Quantity



UN number: UN1950

Shipping Name:
AEROSOLS, flammable

Class: 2.1

Packing Group: Not applicable

Marine Pollutant: No



Sea

Refer to IMDG regulations.

Limited Quantity



UN number: UN1950

Shipping Name:
AEROSOLS, flammable

Class: 2.1

Packing Group: Not applicable

Marine Pollutant: No

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

TOUCH UP SPRAY PAINT**TUSP-AEROSOL****Section 15: Regulatory Information****Canada****WHMIS Classification**

A – Aerosol Container; B5 – Flammable Aerosols;
D2A – Very Toxic (Carcinogen IARC: 2B; Embryotoxicant);
D2B – Toxic Other (Skin Irritant, Eye Irritant)

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.

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

USA**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 xylenes, which are listed as hazardous air pollutants.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product contains toluene (CAS# 108-88-3; reportable quantity = 1000 lb) and xylene (CAS# 1330-20-7, reportable quantity = 100 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 5000 lb (2268 kg) threshold.

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TOUCH UP SPRAY PAINT**TUSP-AEROSOL****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 ethanol, which is listed as reproductively toxic. It is also listed as a carcinogen when in an alcoholic beverage.

Europe**RoHS**

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

WEEE

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 24 October 2014

Supersedes 09 October 2012

Reason for Changes: Change to GHS format in compliance with HCS 2012 and WHMIS.

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®)

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TOUCH UP SPRAY PAINT**TUSP-AEROSOL****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.

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