SAFETY DATA SHEET

Prepared according to USA OSHA Hazcom 2012 / Canada WHMIS 2015

Date Prepared : 02/14/2017
SDS No : SEP ONE STEP Automotive Self Etch Primer - Grey 425g_ENG
Date Revised : 09/13/2017
Revision No : 3

SEP ONE STEP Automotive Self Etch Primer - Grey, aerosol

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: SEP ONE STEP Automotive Self Etch Primer - Grey, aerosol
Product Description: Grey Self Etch Primer, Vehicle Refinishing Product , Aerosol coating 425 g / 15 oz
General Use: Aerosol Coating, Automotive Use Only
Product Stock/Code: SEP / 24008
Chemical Family: Nitrocellulose Coating / Enduit à base de nitrate de cellulose
Molecular Formula: Mixture / Mélange

Manufacturer / Supplier
Dominion Sure Seal Ltd.
6175 Danville Road, Mississauga
Ontario, Canada L5T 2H7
Fax: 905-670-5174
www.dominionsureseal.com
Customer Service: 905-670-5411

Emergency Telephone Numbers (24 hour)
CANUTEC : (613) 996-6666
CHEMTREC : (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2012) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2015). This information may be different from the actual product label information for labels that are regulated by other agencies.

Health hazards:

Eye Irritation, Category 2
Target Organ Toxicity (Single exposure), Category 3 (Narcotic Effects)
Target Organ Toxicity (Single exposure), Category 2
Target Organ Toxicity (Repeated exposure), Category 2
Carcinogenicity, Category 2

Physical hazards:

Flammable Aerosols, Category 1
Gases Under Pressure
Simple Asphyxiants, Category 1

Label elements

Hazardous components for labelling:
Acetone, Methyl ethyl ketone, Isobutyl acetate, Titanium dioxide, Isopropyl alcohol, Methanol, n-Butyl acetate, Xylene (mixed isomers), Phosphoric acid, Ethylbenzene and Carbon Black


Flame


Gas cylinder


Exclamation mark


Health hazard

Signal Word: DANGER

Hazard statement(s)

H222: Extremely flammable aerosol.
H280: Contains gas under pressure; may explode if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H371: May cause damage to eyes and optic nerve.
H373: May cause damage to central nervous system through prolonged or repeated exposure.
H351: Suspected of causing cancer.
H600: May displace oxygen and cause rapid suffocation.

Precautionary statement(s)

Prevention:

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.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P260: Do not breathe mist, vapours or spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves and eye protection.

Response:

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 of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

Hazards Not Otherwise Classified: No data available.

Emergency Overview

Immediate concerns: Extremely flammable aerosol. Causes serious eye irritation. Prolonged exposure may cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Vapours may cause drowsiness and dizziness. May be harmful if

swallowed, in contact with skin or if inhaled. May cause damage to eyes and optic nerve. Causes damage to central nervous system and hearing organs through prolonged and repeated exposure. Suspected of damaging the unborn child. Suspected of causing cancer. Vapor reduces oxygen availability for breathing.

Comments: See sections 9 and 10 for more detailed information on physicochemical effects.
See section 11 for more detailed information on health effects.
See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2015 and OSHA Hazcom 2012 Hazard Communication labeling.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS number
Acetone	33 - 35	67-64-1
Propane	16.5 - 18.5	74-98-6
Methyl ethyl ketone	10 - 12	78-93-3
Isobutyl acetate	8 - 10	110-19-0
Talc	7 - 9	14807-96-6
Isobutane	7 - 8	75-28-5
Titanium dioxide	1.9 - 2.3	13463-67-7
Isopropyl alcohol	1.8 - 2.2	67-63-0
Methanol	1.4 - 1.6	67-56-1
n-Butyl acetate	1.4 - 1.6	123-86-4
Xylene (mixed isomers)	1.1 - 1.3	1330-20-7
Phosphoric acid	0.6 - 0.9	7664-38-2
Ethylbenzene	0.25 - 0.35	100-41-4
Carbon Black	0.09 - 0.11	1333-86-4

Comments: There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and wash before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Signs and Symptoms of Overexposure

Eye Contact: Contact causes serious eye irritation. Symptoms may include pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin Contact: Prolonged or repeated contact may cause skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: Substance may be harmful if swallowed. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

Inhalation: High vapor or spray mist concentrations may be harmful if inhaled. Excessive vapor concentrations are attainable and could be hazardous on a single exposure. May cause headaches and dizziness. High vapor concentrations may cause drowsiness. High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness). Repeated or prolonged inhalation may cause toxic effects. High vapor concentrations can displace oxygen in enclosed spaces and cause asphyxiation.

Notes to Physician: Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Additional Information: No data available.

5. FIRE FIGHTING MEASURES

Flammable Properties: Extemely flammable aerosol. Can readily form explosive mixtures at or above the flash point. Product can be ignited by static discharge.

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Hazardous Combustion Products: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire Fighting Procedures: Containers can build up pressure if exposed to heat (fire).

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Sensitivity to Static Discharge: Product is sensitive to static discharge.

Sensitivity to Mechanical Impact: Product is sensitive to mechanical impact. Do not puncture container. Contents under pressure. Do not expose to heat or store above 120 °F (49 °C).

6. ACCIDENTAL RELEASE MEASURES

Small Spill: Eliminate all ignition sources. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly.

Environmental Precautions

Water Spill: Do not flush to sewer.

Land Spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Special Protective Equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

7. HANDLING AND STORAGE

General Procedures: Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Ensure thorough ventilation of stores and work areas.

Handling: Contents under pressure. Do not expose to heat or store above 120 °F (49 °C). Use only in a well ventilated area. Do not use in the presence of open flame or spark. Do not puncture container. Do not breath vapors or spray mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly

after handling.

Storage: Keep away from heat and flame. Store in a cool dry place. Container may explode if heated. Do not incinerate.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

OSHA / WHMIS 2015 HAZARDOUS COMPONENTS				
	Occupational Exposure Limits			
Chemical Name	**Type**		**ppm**	**mg/m³**
Acetone	**OSHA PEL**	**TWA**	1000	2400
	ACGIH TLV	**TWA**	500	1188
		STEL	750	1782
	NIOSH REL	**TWA**	250	590
Propane	**OSHA PEL**	**TWA**	1000	1800
	ACGIH TLV	**TWA**	1000	--
	NIOSH REL	**TWA**	1000	1800
Methyl ethyl ketone	**NIOSH REL**	**TWA**	200	590
		STEL	300	885
	ACGIH TLV	**TWA**	200	--
		STEL	300	--
	OSHA PEL	**TWA**	200	590
Isobutyl acetate	**OSHA PEL**	**TWA**	150	700
	ACGIH TLV	**TWA**	150	713
	NIOSH REL	**TWA**	150	700
Talc	**OSHA PEL**	**TWA**	-- [1]	2 [1]
	ACGIH TLV	**TWA**	-- [1]	2 [1]
	NIOSH REL	**TWA**	-- [1]	2 [1]
Isobutane	**ACGIH TLV**	**TWA**	1000	--
	NIOSH REL	**TWA**	800	1900
Titanium dioxide	**OSHA PEL**	**TWA**	-- [2]	15 [2]
	ACGIH TLV	**TWA**	-- [2]	10 [2]
Isopropyl alcohol	**OSHA PEL**	**TWA**	400	980
	ACGIH TLV	**TWA**	200	491
		STEL	400	984
	NIOSH REL	**TWA**	400	980
		STEL	500	1225
	OSHA PEL	**TWA**	200	260

Methanol	**ACGIH TLV**	**TWA**	200	262
		STEL	250	328
	NIOSH REL	**TWA**	200	260
		STEL	250	325
n-Butyl acetate	**OSHA PEL**	**TWA**	150	710
		STEL	200	950
	NIOSH REL	**TWA**	150	710
		STEL	200	950
Xylene (mixed isomers)	**OSHA PEL**	**TWA**	100	435
	ACGIH TLV	**TWA**	100	434
		STEL	150	651
	NIOSH REL	**TWA**	100	435
		STEL	150	655
Phosphoric acid	**OSHA PEL**	**TWA**	--	1
	ACGIH TLV	**TWA**	--	1
		STEL	--	3
	NIOSH REL	**TWA**	--	1
		STEL	--	3
Ethylbenzene	**OSHA PEL**	**TWA**	100	435
	ACGIH TLV	**TWA**	20	87
	NIOSH REL	**TWA**	100	435
		STEL	125	545
Carbon Black	**OSHA PEL**	**TWA**	--	3.5
	ACGIH TLV	**TWA**	-- [3]	3.5 [3]
	NIOSH REL	**TWA**	--	3.5

Footnotes:
1. Dust - respirable fraction.
2. Dust - total fraction.
3. Inhalable particulate matter.

Engineering Controls: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Avoid breathing mists; if general ventilation or local exhaust is inadequate, persons exposed to mists should wear approved breathing devices. If user operations generate dust during sanding of this product, use ventilation to keep exposure to airborne dust below the above exposure limits.

Personal Protective Equipment

Eyes and Face: Wear safety glasses with side shields (or goggles).

Skin Contact: Wear chemical resistant gloves. Neoprene is recommended. Avoid prolonged or repeated contact with skin.

Respiratory: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved, air-purifying filter, cartridge or canister.

Protective Clothing: Not applicable for aerosol containers.

Work Hygienic Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid, without aerosol propellants

Odor : Ketone

Odor Threshold : No data available.

Appearance : Aerosol

Color : Gray

pH : Not Applicable

% Volatiles : 85 to 86% w/w

Flash Point and Method : -18°C Setaflash Closed Cup, Acetone [lowest known value of aerosol concentrate]

Flammable Limits : 1.0 to 12.8

Notes: Based on data for acetone.

Autoignition Temperature : 399°C to 527°C

Vapor Pressure : 55 - 65 psig at 20°C

Vapor Density : > 1 (air = 1)

Boiling Point : 56°C, Acetone [lowest known value of aerosol concentrate]

Melting Point : No data available.

Solubility in Water : Partial

Evaporation Rate (n-butyl acetate = 1) : > 1

Density : 0.92±0.01g/ml at 20°C

Notes: An estimate for the aerosol concentrate density.

Viscosity : > 100 cps at 20°C

VOC Content : 51 - 52% w/w; < 400 g/l, less exempts

Oxidizing Properties : None

Comments:

Flammability Statement:

The flammability of an aerosol is determined by its flame extension and/or flashback.

Flammability:	Yes
Aerosol Flame Projection:	> 15 cm but < 100 cm
Flashback:	Yes
Calculated Aerosol Chemical Heat of Combustion, kJ/g	27 to 29

VOC Compliance Statement

Total Volatiles:	< 665 g/l
	85 - 86% w/w
VOC Content:	Product-Weighted Reactivity (PWR): 0.64 to 0.67 g O_3/g product
	[51 - 52% w/w, less exempts; < 400 g/l, less exempts]
VOC Regulation:	USA National VOC Emission Standards for Aerosol Coatings – 40CFR PART 59 SUBPART E
Coating Category:	Auto Body Primer

The VOC content meets the 1.55 PWR category limit for Auto Body Primer.
USA compliant.

VOC Regulation:	California – Regulation for Reducing the Ozone from Aerosol Coating Product Emissions – Title 17, California
Coating Category:	Auto Body Primer

The VOC content meets the current 0.95 PWR category limit for Auto Body Primer.
California compliant.
Sell through provision applies to product manufactured before Jan 1, 2017.

10. STABILITY AND REACTIVITY

Reactive Hazard **:** No

Hazardous Polymerization: Not expected to occur.

Stability: Stable.

Conditions to Avoid: Keep away from flames and any object that sparks. Container may expode if heated.

Possibility of Hazardous Reactions: No data available.

Hazardous Decomposition Products: Carbon Monoxide and other toxic vapors.

Incompatible Materials: Oxidizing materials.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	Oral LD_{50} mg/kg(rat)	Dermal LD_{50} mg/kg(rabbit)	Inhalation LC_{50} mg/l
Acetone	8400 5250(mouse) 5300(rabbit)	>15,700	50.1(rat;8h) 44.0(mouse;4h)
Propane	Not Applicable	Not Applicable	>20,000 ppm (rat,4h)
Methyl ethyl ketone	3400(rat) 2900(rat) 5520(rat) 3140(mouse)	>8000	34.5(rat;4h) [11,700 ppm] >5000 ppm (rat;6h)
Isobutyl acetate	> 13,400	> 17,400	> 14.72(rat;6h) > 13.24(rat;6h)
Talc	Not classified.	Not classified.	Not classified.
Isobutane	Not Applicable	Not Applicable	142.5 ppm (rat,4h)
Titanium dioxide	> 10,000	No data available.	No data available.
Isopropyl alcohol	4710-5840 4475(mouse) 5030(rabbit)	12,870	51.0(rat;8h) 72.6(rat;4h)
Methanol	6200(rat) 5630(rat) 7300(mouse)	15,800	83.9(rat;4h)
n-Butyl acetate	13,100(rat) 11,000(rat)	>14,400	>45.0(rat;4h)
Xylene (mixed isomers)	5400 5251(mouse) 5627(mouse)	12,180	6350 ppm (rat;4h) 6700 ppm (rat;4h)
Phosphoric acid	1530	2740	1.69(rat;1h-mist)
Ethylbenzene	5460 3500 5627(mouse)	17,800 15,354	17.2(rat;4h) 13,367 ppm (rat;2h)
Carbon Black	> 15,400	> 3000	Not Applicable

Acute Toxicity - Dermal LD_{50}: Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Acute Toxicity - Oral LD_{50}: Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Acute Toxicity - Inhalation LC_{50}: Based on available ingredient data, the classification criteria for Acute Toxicity - inhalation are not met for this mixture. The calculated ATE is >20 mg/l/4h (vapours) and >5 mg/l/4h (mists). High vapor concentrations may be harmful if inhaled. Excessive vapor concentrations are attainable. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation.

Notes: < 5% of the mixture consists of an ingredient or ingredients of unknown acute toxicity.
No additional toxicology information is available for this product itself. (See Component Toxicity Information).

Skin Irritation / Corrosion: Based on available data, the classification criteria for skin irritation are not met for this mixture. Substance does not generally irritate and is only mildly irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Eye Irritation / Serious Eye Damage: Contains: Acetone, Methyl ethyl ketone, Isopropyl alcohol and Phosphoric acid. Contact causes serious eye irritation. The mixture is classified as: Eye Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as eye irritant, category 2). Liquid, aerosols and

vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Respiratory / Skin Sensitizer: Based on available data, the classification criteria for respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a respiratory sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a respiratory sensitizer, sub-category 1B).
Based on available data, the classification criteria for skin sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a skin sensitizer, sub-category 1B).

Germ Cell Mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Carcinogenicity

Chemical Name	NTP status	IARC status	OSHA status	Other
Acetone	--	--	--	A4 (ACGIH)
Propane	--	--	--	--
Methyl ethyl ketone	--	--	--	--
Isobutyl acetate	--	--	--	--
Talc	--	3	--	A4 (ACGIH)
Isobutane	--	--	--	--
Titanium dioxide	--	2B	--	A4 (ACGIH)
Isopropyl alcohol	--	3	--	--
Methanol	--	--	--	--
n-Butyl acetate	--	--	--	--
Xylene (mixed isomers)	--	3	--	--
Phosphoric acid	--	--	--	--
Ethylbenzene	--	2B	--	A3 (ACGIH)
Carbon Black	--	2B	--	A3 (ACGIH)

Notes: Titanium dioxide, Ethylbenzene and Carbon Black are listed as Group 2B (possibly carcinogenic to humans). The mixture is classified as: Carcinogenicity, category 2 based on ingredient data using the applicable cut-off/concentration limits (≥ 0.1% ingredients classified as a Carcinogen, category 2). Titanium dioxide: applies only to respirable dust. This product may be sanded during normal conditions of use and there may be potential exposure to respirable dust during such sanding operations.

Reproductive Toxicity: Based on available data, the classification criteria for Reproductive Toxicity are not met for this mixture (< 0.1% ingredients classified as Reproductive Toxicity, category 1 or 2).
Contains: Methanol. Possible reproductive hazard. Suspected of damaging the unborn child.

Specific Target Organ Toxicity - Single Exposure: Contains: Methanol. The mixture is classified as: Specific Target Organ Toxicity - Single Exposure, category 2, based on ingredient data using the applicable cut-off/concentration limits (≥ 1% but < 10% ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 1). May cause damage to eyes and optic nerve.
Contains: Acetone, Methyl ethyl ketone, Isobutyl acetate, Isopropyl alcohol and n-Butyl acetate. The mixture is

classified as: Specific Target Organ Toxicity - Single Exposure, category 3, based on summation of ingredient data using the applicable cut-off/concentration limits (≥ 20% summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3 [Narcotic Effects]). Can cause central nervous system depression (including unconsciousness). High vapor concentrations may cause drowsiness. May cause headaches and dizziness.

Specific Target Organ Toxicity - Repeated Exposure: Contains: Xylene (mixed isomers) and Ethylbenzene. The mixture is classified as: Specific Target Organ Toxicity - Repeated Exposure, category 2, based on ingredient data using the applicable cut-off/concentration limits (≥ 1.0% ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 2). Prolonged inhalation may be harmful. Chronic exposure to organic solvents such as Xylene and Ethylbenzene have been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include: loss of memory, loss of intellectual ability, and loss of coordination.

Aspiration Hazard: Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5 mm^2/s at 40 °C).

12. ECOLOGICAL INFORMATION

Environmental Data: No data available.

Ecotoxicological Information: No data available.

Bioaccumulation/Accumulation: No data available.

Distribution: No data available.

Aquatic Toxicity (Acute): No data available.

Chemical Fate Information: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product Disposal: When container is empty, press button to release all pressure, then dispose of container and unused contents in accordance with Local, Provincial/State and Federal regulations.

14. TRANSPORT INFORMATION

DOT (Department of Transportation)

Proper Shipping Name **:** Aerosols, Flammable

Primary Hazard Class/Division: 2.1

UN/NA Number **:** 1950

Packing Group **:** N/AP

Other Shipping Information:
With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity as per DOT 173.306.

Vessel (IMO/IMDG)

Shipping Name **:** Aerosols

UN/NA Number **:** 1950

Primary Hazard Class/Division: 2.1

Packing Group **:** N/AP

Marine Pollutant **:** None

Label : None

Note: With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

Canadian Transportation of Dangerous Goods Regulations

Shipping Name : Aerosols, Flammable

UN/NA Number : 1950

Primary Hazard Class/Division: 2.1

Packing Group : N/AP

TDG Note:
With an inner packaging < 1.0 L, this component may be shipped as a Limited Quantity as per TDG Section 1.17.

15. REGULATORY INFORMATION

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health Hazards: Carcinogenicity, Eye Irritation, Narcotic Effects, Simple Asphyxiant, Target Organ Toxicity (Repeated exposure), Target Organ Toxicity (Single exposure)

311/312 Physical Hazards: Flammable Aerosols, Gases Under Pressure

Fire Hazard : Yes
Sudden Release of Pressure : Yes
Reactive Hazard : No
Product Acute Toxicity : Yes
Product Chronic Toxicity : Yes

EPCRA Section 313 Toxic Chemicals

Chemical Name	Wt.%	CAS number
Isopropyl alcohol	1.8 - 2.2	67-63-0
Methanol	1.4 - 1.6	67-56-1
Xylene (mixed isomers)	1.1 - 1.3	1330-20-7

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status:
This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical Name	Wt.%	RQ
Acetone	33 - 35	5,000
Methyl ethyl ketone	10 - 12	5,000
Isobutyl acetate	8 - 10	5,000
Methanol	1.4 - 1.6	5,000
n-Butyl acetate	1.4 - 1.6	5,000
Xylene (mixed isomers)	1.1 - 1.3	100
Phosphoric acid	0.6 - 0.9	5,000
Ethylbenzene	0.25 - 0.35	1,000

TSCA (The Toxic Substances Control Act)

TSCA Status:
All components are included or are otherwise exempt from inclusion on this inventory.

CAA 112(b) - Hazardous Air Pollutants

Chemical Name	Wt.%	CAS number
Methanol	1.4 - 1.6	67-56-1
Xylene (mixed isomers)	1.1 - 1.3	1330-20-7
Ethylbenzene	0.25 - 0.35	100-41-4

CAA 112(r) - List of Substances for Accidental Release Prevention:

Name	CAS No.	Threshold Qty (TQ)
Propane	74-98-6	10,000
Butane	75-28-5	10,000

California Proposition 65

Chemical Name	Wt.%	Listed
Titanium dioxide	1.9 - 2.3	Cancer
Methanol	1.4 - 1.6	Developmental Toxicity
Ethylbenzene	0.25 - 0.35	Cancer
Carbon Black	0.09 - 0.11	Cancer

OSHA Hazard Communication Standard (29 CFR 1910.1200):
OSHA Status: Hazardous Product (See Section 2 for details).
This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2012).

CANADA

WHMIS Hazard Symbol and Classification

See Section 2 for details.

WHMIS Regulatory Status:
This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015).

WHMIS Classification:
WHMIS 2015 (Canada) Status: Hazardous Product (See Section 2 for details).

CEPA - National Pollutant Release Inventory (NPRI):

Name	CAS No.	NPRI Part No.
Methyl Ethyl Ketone	78-98-3	1A, 5 (VOC)
Isopropanol	67-63-0	1A, 5 (VOC)
Methanol	67-56-1	1A, 5 (VOC)
n-Butyl acetate	123-86-4	5 (VOC)
Xylene (mixed isomers)	1330-20-7	1A, 5 (VOC)
Ethylbenzene	100-41-4	1A, 5 (VOC)
Propane	74-98-6	5 (VOC)
Butane (all isomers)	75-28-5	5 (VOC)

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):
All components are included or are otherwise exempt from inclusion on this inventory.

Comments VOC Content -- See section 9.

16. OTHER INFORMATION

Reason for Issue: NEW

Approved By: Jim Gordon **Title:** R&D Chemist / Chemiste de R&D

Prepared By : Regulatory Compliance / Conformité réglementaire **Date Revised:** 09/13/2017

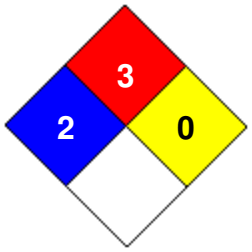
Information Contact: 905-670-5411

Revision Summary: This MSDS replaces the 06/14/2017 MSDS. Revised: **Section 4:** Signs and Symptoms of Overexposure - Skin Contact.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



NFPA 30 / 30B Storage Classification: Level 2 Aerosol

Manufacturer Supplemental Notes: None

Data Sources: Not Available

Additional SDS Information:

N/AV Not Available
N/AP Not Applicable
ND Not yet determined
ACGIH American Conference of Governmental Industrial Hygienists
CAA The Clean Air Act
CCCR The Consumer Chemicals and Containers Regulations
CEPA The Canadian Environmental Protection Act
CERCLA Comprehensive Environmental Response, Compensation, and Liability Act
EPCRA The Emergency Planning and Community Right-To-Know Act
IARC International Agency for Research on Cancer
MSHA Mine Safety and Health Administration
NIOSH National Institute for Occupational Safety and Health
NTP National Toxicology Program
OSHA The Occupational Safety and Health Administration
SARA The Superfund Amendments and Reauthorization Act
WHMIS Workplace Hazardous Materials Information System

General Statements: None

Comments: None

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