

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • Buehler Platinum Paint Aerosol / SDS# 9111698
Product Code • R8702

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Paint

1.3 Details of the supplier of the safety data sheet

Manufacturer • BUEHLER, a division of Illinois Tool Works Inc.
41 Waukegan Road
Lake Bluff, IL 60044
United States

Telephone (Technical) • 847-295-6500

1.4 Emergency telephone number

Manufacturer • 800-424-9300 - CHEMTREC

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP

- Flammable Liquids 2 - H225
- Aspiration 1 - H304
- Skin Irritation 2 - H315
- Eye Irritation 2 - H319
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
- Reproductive Toxicity 2 - H361d
- Specific Target Organ Toxicity Repeated Exposure 2 - H373
- EUH066

DSD/DPD

- Flammable
- Harmful (Xn)
- Irritant (Xi)
- Substances Toxic To Reproduction - Category 3
- R11, R36/38, R63, R65, R66, R67

2.2 Label Elements

CLP

DANGER

- Hazard statements** • H225 - Highly flammable liquid and vapour
 H304 - May be fatal if swallowed and enters airways
 H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness
 H361d - Suspected of damaging the unborn child.
 H373 - May cause damage to organs through prolonged or repeated exposure.
 EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements

- 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, sparks, open flames and/or hot surfaces. - No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground and/or bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 P260 - Do not breathe mist, vapours, and/or spray.
 P264 - Wash thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P281 - Use personal protective equipment as required.

- Response** • P370+P378 - In case of fire: Use appropriate media for extinction.
 P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 P321 - Specific treatment, see supplemental first aid information.
 P362 - Take off contaminated clothing and wash before reuse.
 P332+P313 - If skin irritation occurs: 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.
 P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331 - Do NOT induce vomiting.
 P314 - Get medical advice/attention if you feel unwell.
 P308+P313 - IF exposed or concerned: Get medical advice/attention.

- Storage/Disposal** • P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P235 - Keep cool.
 P405 - Store locked up.
 P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

- Risk phrases** • R11 - Highly flammable.
 R36/38 - Irritating to eyes and skin.
 R63 - Possible risk of harm to the unborn child.
 R65 - Harmful: may cause lung damage if swallowed.
 R66 - Repeated exposure may cause skin dryness or cracking.
 R67 - Vapours may cause drowsiness and dizziness.

- Safety phrases** • S9 - Keep container in a well ventilated place
 S16 - Keep away from sources of ignition - No Smoking.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 - Wear suitable gloves.

2.3 Other Hazards

- CLP**
- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD**
- According to European Directive 1999/45/EC this material is considered dangerous.

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture

- UN GHS**
- Flammable Liquids 2
 - Aspiration 1
 - Skin Irritation 2
 - Eye Irritation 2
 - Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
 - Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
 - Germ Cell Mutagenicity 1B
 - Reproductive Toxicity 1B
 - Specific Target Organ Toxicity Repeated Exposure 1
 - Hazardous to the aquatic environment Acute 3

2.2 Label elements

UN GHS

DANGER



- Hazard statements**
- Highly flammable liquid and vapour
 - May be fatal if swallowed and enters airways
 - Causes skin irritation
 - Causes serious eye irritation
 - May cause respiratory irritation
 - May cause drowsiness or dizziness
 - May cause genetic defects.
 - May damage fertility or the unborn child.
 - Causes damage to organs through prolonged or repeated exposure.
 - Harmful to aquatic life

Precautionary statements

- Prevention**
- Obtain special instructions before use.
 - Do not handle until all safety precautions have been read and understood.
 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 - Keep container tightly closed.
 - Ground and/or bond container and receiving equipment.
 - Use explosion-proof electrical/ventilating/lighting/equipment.
 - Use only non-sparking tools.
 - Take precautionary measures against static discharge.
 - Do not breathe mist, vapours and/or spray.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Use only outdoors or in a well-ventilated area.
 - Avoid release to the environment.
 - Wear protective gloves/protective clothing/eye protection/face protection.
 - Use personal protective equipment as required.
- Response**
- In case of fire: Use appropriate media for extinction.
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.
 IF ON SKIN: Wash with plenty of soap and water.
 Specific treatment, see supplemental first aid information.
 Take off contaminated clothing and wash before reuse.
 If skin irritation occurs: Get medical advice/attention.
 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.
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 Do NOT induce vomiting.
 Get medical advice/attention if you feel unwell.
 IF exposed or concerned: Get medical advice/attention.

- Storage/Disposal** • Store in a well-ventilated place. Keep container tightly closed.
 Keep cool.
 Store locked up.
 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

UN GHS

- According to the Globally Harmonized System for Classification and Labeling (GHS) this product is considered hazardous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Flammable Liquids 2
 Aspiration 1
 Skin Irritation 2
 Eye Irritation 2
 Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
 Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
 Germ Cell Mutagenicity 1B
 Reproductive Toxicity 1B
 Specific Target Organ Toxicity Repeated Exposure 1

2.2 Label elements

OSHA HCS 2012

DANGER



- Hazard statements** • Highly flammable liquid and vapour
 May be fatal if swallowed and enters airways
 Causes skin irritation
 Causes serious eye irritation
 May cause respiratory irritation
 May cause drowsiness or dizziness
 May cause genetic defects.
 May damage fertility or the unborn child.
 Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

- Prevention** • Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
 Keep container tightly closed.
 Ground and/or bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.

Take precautionary measures against static discharge.
 Do not breathe mist, vapours and/or spray.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.

- Response** • In case of fire: Use appropriate media for extinction.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician if you feel unwell.
 If on skin: Wash with plenty of water .
 Specific treatment, see supplemental first aid information.
 Take off contaminated clothing and wash before reuse.
 If skin irritation occurs: Get medical advice/attention.
 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.
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 Do NOT induce vomiting.
 Get medical advice/attention if you feel unwell.
 IF exposed or concerned: Get medical advice/attention.

- Storage/Disposal** • Store in a well-ventilated place. Keep container tightly closed.
 Keep cool.
 Store locked up.
 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Flammable Liquids - B2
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

2.2 Label elements

WHMIS



- Flammable Liquids - B2
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance.

3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Isopropyl acetate	CAS: 108-21-4 EC Number: 203-561-1 EU Index: 607-024-00-6	5% TO 10%	Ingestion/Oral-Rat LD50 • 6750 mg/kg Inhalation-Rat LC50 • 50600 mg/m ³ 8 Hour (s) Skin-Rabbit LD50 • >20 mL/kg	UN GHS: Flam. Liq. 2; Skin Irrit. 3; Eye Irrit. 2; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit. (Inhl); Asp. Tox. 2; EU DSD/DPD: Annex VI, Table 3.2: F, R11; Xi, R36; R66; R67; EU CLP: Annex VI, Table 3.1: Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3: Narc., H336 (Inhl); EUH066; OSHA HCS 2012: Flam. Liq. 2; Eye Irrit. 2; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit. (Inhl);	NDA
Acetic acid, butyl ester	CAS: 123-86-4 EC Number: 204-658-1 EU Index: 607-025-00-1	5% TO 10%	Ingestion/Oral-Rat LD50 • 10768 mg/kg Inhalation-Rat LC50 • 390 ppm 4 Hour(s) Skin-Rabbit LD50 • >17600 mg/kg	UN GHS: Flam. Liq. 2; Skin Irrit. 2; Eye Irrit. 2B; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit. (Inhl); EU DSD/DPD: Annex VI, Table 3.2: R10; R66; R67; EU CLP: Annex VI, Table 3.1: Flam. Liq. 3, H226; STOT SE 3: Narc., H336; EUH066; OSHA HCS 2012: Flam. Liq. 2; Skin Irrit. 2; Eye Irrit. 2B; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit. (Inhl);	NDA
Xylene	CAS: 1330-20-7 EC Number: 215-535-7 EU Index: 601-022-00-9	1% TO 5%	Ingestion/Oral-Rat LD50 • 4300 mg/kg Inhalation-Rat LC50 • 5000 ppm 4 Hour(s) Skin-Rabbit LD50 • >1700 mg/kg	UN GHS: Flam. Liq. 3; Acute Tox. 5 (Orl); Acute Tox. 4 (Inhl); Skin Irrit. 2; Eye Irrit. 2; Repr. 1B; STOT SE 3: Narc.; STOT SE 3: Resp. Irrit.; Asp. Tox. 2; Aquatic Acute 2; EU DSD/DPD: Annex VI, Table 3.2: R10; Xn, R20/21; Xi, R38; EU CLP: Annex VI, Table 3.1: Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; OSHA HCS 2012: Flam. Liq. 3; Acute Tox. 4 (Inhl); Skin Irrit. 2; Eye Irrit. 2; Repr. 1B (Inhl); STOT SE 3: Narc.; STOT SE 3: Resp. Irrit.;	NDA
Toluene	CAS: 108-88-3 EC Number: 203-625-9 EU Index: 601-021-00-3	1% TO 5%	Ingestion/Oral-Rat LD50 • 636 mg/kg Inhalation-Rat LC50 • 49 g/m ³ 4 Hour(s) Skin-Rabbit LD50 • 14100 µL/kg	UN GHS: Flam. Liq. 2; Acute Tox. 4 (Orl); Skin Irrit. 2; Eye Irrit. 2; Muta. 1B; Repr. 2; STOT SE 3: Narc.; STOT RE 1 (CNS, Inhl); Asp. Tox. 1; Aquatic Acute 2; EU DSD/DPD: Annex VI, Table 3.2: F, R11; Repr.Cat.3, R63; Xn, R48/20; R65; Xi, R38; R67; EU CLP: Annex VI, Table 3.1: Flam. Liq. 2, H225; Repr. 2, H361d ***; Asp. Tox. 1, H304; STOT RE 2 *, H373 **; Skin Irrit. 2, H315; STOT SE 3, H336; OSHA HCS 2012: Flam. Liq. 2; Acute Tox. 4 (Oal); Skin Irrit. 2; Eye Irrit. 2; Muta. 1B; Repr. 2; STOT SE 3: Narc.; STOT RE 1 (CNS, Inhl); Asp. Tox. 1;	NDA
2-Heptanone	CAS: 110-43-0 EC Number: 203-767-1 EU Index: 606-024-00-3	1% TO 5%	Skin-Rabbit LD50 • 12600 µL/kg Ingestion/Oral-Rat LD50 • 1600 mg/kg	UN GHS: Flam. Liq. 3; Acute Tox. 4 (Orl); STOT SE 3: Narc; Skin Irrit. 3; EU DSD/DPD: Annex VI, Table 3.2: R10; Xn, R20/22; EU CLP: Annex VI, Table 3.1: Flam. Liq. 3, H226; Acute Tox. 4 *, H332; Acute Tox. 4 *, H302; OSHA HCS 2012: Flam. Liq. 3; Acute Tox. 4 (Orl); STOT SE 3: Narc;	NDA
Titanium dioxide	CAS: 13463-67-7 EC Number: 236-675-5	> 3%	NDA	UN GHS: Skin Irrit. 3; Muta. 2; Carc. 2; STOT RE 2 (Lungs); Aquatic Chronic 4; EU DSD/DPD: Muta. Cat. 3; Xn, R68; Carc. Cat. 3; Xn, R40-48/20; EU CLP: Muta. 2, H341; Carc. 2, H351; STOT RE 2 (Lungs), H373; OSHA HCS 2012: Muta. 2; Carc. 2; STOT RE 2 (Lungs);	NDA

Carbonic acid calcium salt (1:1)	CAS:471-34-1 EC Number:207-439-9	> 3%	Ingestion/Oral-Rat LD50 • 6450 mg/kg	UN GHS: Skin Irrit. 2; Eye Irrit. 2; EU DSD/DPD: Xi, R36/38; EU CLP: Skin Irrit. 2, H315; Eye Irrit. 2, H319; OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2;	NDA
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See Section 16 for full text of H-statements and R-phrases.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention if symptoms occur.

Skin

- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. Wash skin with soap and water. If irritation develops and persists, get medical attention.

Eye

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

Ingestion

- Do NOT induce vomiting. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person. Obtain medical attention immediately if ingested.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media

- LARGE FIRES: Water spray, fog or alcohol-resistant foam.
SMALL FIRES: Dry chemical, CO₂, water spray or alcohol-resistant foam.

Unsuitable Extinguishing Media

- Do not use a direct stream of water.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Containers may explode when heated.
Vapor explosion hazard indoors, outdoors or in sewers.
HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
Runoff to sewer may create fire or explosion hazard.
Vapors may form explosive mixtures with air.
Vapors may travel to source of ignition and flash back.

Hazardous Combustion Products

- Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
Move containers from fire area if you can do it without risk.
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Ventilate the area. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not breathe mist, vapors, and spray. Avoid contact with skin, eyes, and clothing.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. A vapor suppressing foam may be used to reduce vapors. All equipment used when handling the product must be grounded. LARGE SPILLS: Dike far ahead of liquid spill for later disposal. LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Use only in well ventilated areas. Keep away from heat and ignition sources. All equipment used when handling the product must be grounded. Take precautionary measures against static charges. Do not use sparking tools. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe mist, vapors, and spray. Avoid contact with skin, eyes, and clothing. Do not eat, drink or smoke during work. Empty containers retain product residue and can be hazardous. Do not cut, weld, puncture or incinerate container. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Keep container/package tightly closed in a cool, well-ventilated place. Keep away from heat, sparks and flame. Do not store in direct sunlight.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
	Ceilings	Not established	Not established	300 ppm Ceiling

Toluene (108-88-3)	TWAs	20 ppm TWA	100 ppm TWA; 375 mg/m ³ TWA	200 ppm TWA
	STELs	Not established	150 ppm STEL; 560 mg/m ³ STEL	Not established
2-Heptanone (110-43-0)	TWAs	50 ppm TWA	100 ppm TWA; 465 mg/m ³ TWA	100 ppm TWA; 465 mg/m ³ TWA
Xylene (1330-20-7)	TWAs	100 ppm TWA	Not established	100 ppm TWA; 435 mg/m ³ TWA
	STELs	150 ppm STEL	Not established	Not established
Titanium dioxide (13463-67-7)	TWAs	10 mg/m ³ TWA	Not established	15 mg/m ³ TWA (total dust)
Carbonic acid calcium salt (1:1) (471-34-1)	TWAs	Not established	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	Not established
Acetic acid, butyl ester (123-86-4)	TWAs	150 ppm TWA	150 ppm TWA; 710 mg/m ³ TWA	150 ppm TWA; 710 mg/m ³ TWA
	STELs	200 ppm STEL	200 ppm STEL; 950 mg/m ³ STEL	Not established
Isopropyl acetate (108-21-4)	TWAs	100 ppm TWA	Not established	250 ppm TWA; 950 mg/m ³ TWA
	STELs	200 ppm STEL	Not established	Not established

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof electrical/ventilating/lighting/equipment.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Skin/Body

- Wear appropriate gloves. Wear long sleeves and/or protective coveralls.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Aerosol	Appearance/Description	A pale gray aerosol with a strong solvent odor.
Color	Pale gray.	Odor	Strong solvent.
Odor Threshold	1 ppm		
General Properties			
Boiling Point	190 to 304 F(87.7778 to 151.1111 C)	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking

Specific Gravity/Relative Density	= 1.73 Water=1	Water Solubility	Insoluble
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	< 100 mmHg (torr) @ 20 C(68 F)	Vapor Density	> 1 Air=1
Evaporation Rate	< 1 n-Butyl Acetate = 1		
Flammability			
Flash Point	35 F(1.6667 C) STCC (Seta Test/Seta Flash Closed Cup)	UEL	7.9 %
LEL	1.1 %	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Keep away from heat, sparks and flame.

10.5 Incompatible materials

- Strong Lewis or mineral acids. Strong bases or oxidants. Metals. Surface-active compounds.

10.6 Hazardous decomposition products

- Oxides of carbon.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

		Components
Toluene (1% TO 5%)	108-88-3	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 636 mg/kg; Inhalation-Rat LC50 • 49 g/m³ 4 Hour(s); Inhalation-Human TCLo • 1500 mg/m³ 8 Hour(s); <i>Sense Organs and Special Senses:Eye:Lacrimation; Sense Organs and Special Senses:Eye:Conjunctive irritation; Behavioral:Ataxia;</i> Inhalation-Human TCLo • 200 ppm; <i>Brain and Coverings:Recordings from specific areas of CNS; Behavioral:Antipsychotic; Blood:Changes in bone marrow not included above;</i> Inhalation-Man TCLo • 50 ppm; <i>Kidney, Ureter, and Bladder:Other changes in urine composition;</i> Skin-Rabbit LD50 • 14100 µL/kg;</p> <p>Irritation: Eye-Rabbit • 2 mg 24 Hour(s) • Severe irritation; Skin-Rabbit • 20 mg 24 Hour(s) • Moderate irritation;</p> <p>Multi-dose Toxicity: Inhalation-Mouse TCLo • 250 ppm 4 Day(s)-Continuous; <i>Behavioral:Convulsions or effect on seizure threshold; Behavioral:Abuse;</i> Inhalation-Mouse TCLo • 50 ppm 12 Week(s)-Intermittent; <i>Brain and Coverings:Other degenerative changes;</i> Inhalation-Rat TCLo • 10 ppm 6 Hour(s) 13 Week(s)-Intermittent; <i>Brain and Coverings:Other degenerative changes; Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels:Multiple enzyme effects;</i></p>

		<p>Mutagen: Micronucleus test • Ingestion/Oral-Mouse • 200 mg/kg; Sister chromatid exchange • Inhalation-Human • 252 µg/L 19 Year(s); Cytogenetic analysis • Inhalation-Rat • 5400 µg/m³ 16 Week(s)-Intermittent;</p> <p>Reproductive: Inhalation-Mouse TClO • 500 mg/m³ 24 Hour(s)(6-13D preg); <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus)</i>; Inhalation-Mouse TClO • 200 ppm 7 Hour(s)(7-16D preg); <i>Reproductive Effects:Specific Developmental Abnormalities:Urogenital system</i></p>
2-Heptanone (1% TO 5%)	110-43-0	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 1600 mg/kg; <i>Behavioral:Ataxia; Lungs, Thorax, or Respiration:Respiratory depression</i>; Inhalation-Guinea Pig TClO • 9300 mg/m³ 4 Hour(s); <i>Behavioral:General anesthetic</i>; Skin-Rabbit LD50 • 12600 µL/kg;</p> <p>Irritation: Skin-Rabbit • 14 mg 24 Hour(s)-Open • Mild irritation;</p> <p>Multi-dose Toxicity: Inhalation-Rat TClO • 400 ppm 34 Day(s)-Intermittent; <i>Behavioral:Somnolence (general depressed activity)</i>; <i>Nutritional and Gross Metabolic:Gross Metabolite Changes:Weight loss or decreased weight gain</i>;</p> <p>Reproductive: Inhalation-Rat TClO • 400 ppm (28D pre/1-19D preg); <i>Reproductive Effects:Maternal Effects:Other effects</i></p>
Isopropyl acetate (5% TO 10%)	108-21-4	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 6750 mg/kg; Inhalation-Rat LC50 • 50600 mg/m³ 8 Hour(s); Skin-Rabbit LD50 • >20 mL/kg;</p> <p>Irritation: Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation</p>
Acetic acid, butyl ester (5% TO 10%)	123-86-4	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 10768 mg/kg; <i>Behavioral:Somnolence (general depressed activity); Lungs, Thorax, or Respiration:Other changes; Liver:Other changes</i>; Skin-Rabbit LD50 • >17600 mg/kg;</p> <p>Irritation: Eye-Rabbit • 100 mg • Moderate irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation;</p> <p>Multi-dose Toxicity: Inhalation-Rat TClO • 1500 ppm 6 Hour(s) 13 Week(s)-Intermittent; <i>Behavioral:Somnolence (general depressed activity)</i>; <i>Nutritional and Gross Metabolic:Gross Metabolite Changes:Weight loss or decreased weight gain</i>; Inhalation-Rat TClO • 1500 ppm 6 Hour(s) 13 Week(s)-Continuous; <i>Behavioral:Somnolence (general depressed activity)</i>; <i>Behavioral:Food intake (animal)</i>; <i>Nutritional and Gross Metabolic:Gross Metabolite Changes:Weight loss or decreased weight gain</i>;</p> <p>Reproductive: Inhalation-Rat TClO • 1500 ppm (6-20D preg); <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus)</i>; Inhalation-Rat TClO • 1500 ppm 7 Hour(s)(7-16D preg); <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus)</i>; <i>Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system</i></p>
Xylene (1% TO 5%)	1330-20-7	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 4300 mg/kg; <i>Liver:Other changes; Kidney, Ureter, and Bladder:Other changes</i>; Inhalation-Rat LC50 • 5000 ppm 4 Hour(s); Inhalation-Man LClO • 10000 ppm 6 Hour(s); <i>Behavioral:General anesthetic; Lungs, Thorax, or Respiration:Cyanosis; Blood:Other changes</i>; Inhalation-Human TClO • 200 ppm; <i>Sense Organs and Special Senses:Olfaction:Other changes; Sense Organs and Special Senses:Eye:Conjunctive irritation; Lungs, Thorax, or Respiration:Other changes</i>; Skin-Rabbit LD50 • >1700 mg/kg;</p> <p>Irritation: Eye-Rabbit • 5 mg 24 Hour(s) • Severe irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation;</p> <p>Reproductive: Inhalation-Rabbit TClO • 1 g/m³ 24 Hour(s)(7-20D preg); <i>Reproductive Effects:Effects on Fertility:Abortion</i>; Inhalation-Rat TClO • 50 mg/m³ 6 Hour(s)(1-21D preg); <i>Reproductive Effects:Effects on Fertility:Post-implantation mortality</i>; <i>Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus)</i>; <i>Reproductive Effects:Specific Developmental Abnormalities:Craniofacial (including nose and tongue)</i>; Inhalation-Rat TDLo • 200 ppm 6 Hour(s)(4-20D preg); <i>Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system</i>; <i>Reproductive Effects:Effects on Newborn:Behavioral</i></p>
Carbonic acid calcium salt (1:1) (> 3%)	471-34-1	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 6450 mg/kg;</p> <p>Irritation: Eye-Rabbit • 750 µg 24 Hour(s) • Severe irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation;</p> <p>Multi-dose Toxicity: Ingestion/Oral-Woman TDLo • 4.08 g/kg 30 Day(s)-Intermittent; <i>Vascular:BP elevation not characterized in autonomic section</i>; <i>Gastrointestinal:Changes in structure or function of endocrine pancreas</i>; <i>Biochemical:Metabolism (intermediary):Effect on inflammation or mediation of inflammation</i></p>
Titanium dioxide (> 3%)	13463-67-7	<p>Irritation: Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation;</p> <p>Multi-dose Toxicity: Inhalation-Rat TClO • 10 mg/m³ 6 Hour(s) 13 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial)</i>; <i>Lungs, Thorax, or Respiration:Other changes</i>; <i>Biochemical:Metabolism (intermediary):Effect on inflammation or mediation of inflammation</i>; Inhalation-Rat TClO • 250 mg/m³ 6 Hour(s) 4 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Chronic pulmonary edema</i>; <i>Lungs, Thorax, or Respiration:Other changes</i>;</p> <p>Mutagen: Micronucleus test • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; DNA damage • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; Cytogenetic analysis • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent;</p> <p>Tumorigen / Carcinogen: Inhalation-Rat • 10 mg/m³ 18 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria</i>; <i>Lungs, Thorax, or Respiration:Tumors</i>; Inhalation-Rat TClO • 250 mg/m³ 6 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria</i>; <i>Lungs, Thorax, or Respiration:Tumors</i></p>

GHS Properties	Classification
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Serious eye damage/Irritation	EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2 UN GHS • Eye Irritation 2
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Aspiration Hazard	EU/CLP • Aspiration 1 OSHA HCS 2012 • Aspiration 1 UN GHS • Aspiration 1
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2 UN GHS • Skin Irritation 2
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking UN GHS • Data lacking
STOT-RE	EU/CLP • Specific Target Organ Toxicity Repeated Exposure 2 OSHA HCS 2012 • Specific Target Organ Toxicity Repeated Exposure 1 UN GHS • Specific Target Organ Toxicity Repeated Exposure 1
STOT-SE	EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects; Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation UN GHS • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects; Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Toxicity for Reproduction	EU/CLP • Toxic to Reproduction 2 OSHA HCS 2012 • Toxic to Reproduction 1B UN GHS • Toxic to Reproduction 1B
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Germ Cell Mutagenicity 1B UN GHS • Germ Cell Mutagenicity 1B

Potential Health Effects

Inhalation

Acute (Immediate)

- May cause respiratory irritation. May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.

Chronic (Delayed)

- No data available

Skin

Acute (Immediate)

- Causes skin irritation.

Chronic (Delayed)

- No data available.

Eye

Acute (Immediate)

- Causes serious eye irritation.

Chronic (Delayed) • No data available.

Ingestion

Acute (Immediate) • Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

Chronic (Delayed) • No data available.

Other

Chronic (Delayed) • Long term and repeated workplace exposure to toluene affect the central nervous system.

Mutagenic Effects • Repeated and prolonged exposure may cause mutagenic effects.

Carcinogenic Effects • Repeated and prolonged exposure may cause cancer.

Carcinogenic Effects		
	CAS	IARC
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen

Reproductive Effects • Repeated and prolonged exposure may cause reproductive effects.

Key to abbreviations

LC = Lethal Concentration

LD = Lethal Dose

TC = Toxic Concentration

TD = Toxic Dose

Section 12 - Ecological Information

12.1 Toxicity

	CAS	
Buehler Platinum Paint Aerosol / SDS# 9111698	NDA	<p>Aquatic Toxicity-Fish: 96 Hour(s) LC50 <i>Morone saxatilis</i> (Striped Bass) 7.3 mg/L Comments: Toluene (108-88-3) 96 Hour(s) LC50 <i>Oncorhynchus mykiss</i> (Rainbow Trout) 3.3 mg/L Comments: Xylene (1330-20-7) 48 Hour(s) LC50 <i>Palaemonetes pugio</i> (Daggerblade Grass Shrimp) 8.5 mg/L Comments: Xylene (1330-20-7) 96 Hour(s) LC50 1000000 µg/L Comments: Titanium dioxide (13463-67-7) 48 Hour(s) LC50 10000 µg/L Comments: Titanium dioxide (13463-67-7) 14 Day(s) NOEC 431 µg/L Comments: Titanium dioxide (13463-67-7)</p> <p>Aquatic Toxicity-Crustacea: 48 Hour(s) EC50 Water Flea 100000 µg/L Comments: Titanium dioxide (13463-67-7) 48 Hour(s) EC50 Water Flea <i>Daphnia magna</i> 6.56 mg/L Comments: Toluene (108-88-3)</p> <p>Aquatic Toxicity-Algae and Other Aquatic Plant(s): 24 Hour(s) EC50 Algae <i>Pseudokirchneriella subcapitata</i> 10 mg/L Comments: Toluene (108-88-3) 24 Hour(s) EC10 Algae <i>Chlorococcales</i> 100 mg/L Comments: Xylene (1330-20-7) 72 Hour(s) EC50 Algae 5830 µg/L Comments: Titanium dioxide (13463-67-7)</p>

• Harmful to aquatic life.

12.2 Persistence and degradability

• Material data lacking.

12.3 Bioaccumulative potential

• Material data lacking.

12.4 Mobility in Soil

• Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1950	Aerosols, flammable	2.1	NDA	NDA
TDG	UN1950	AEROSOLS, flammable	2.1	NDA	NDA
IATA/ICAO	UN1950	Aerosols, flammable	2.1	NDA	NDA

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications

- Acute, Chronic, Fire

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
2-Heptanone	110-43-0	Yes	No	Yes	No	Yes
Acetic acid, butyl ester	123-86-4	Yes	No	Yes	No	Yes
Carbonic acid calcium salt (1:1)	471-34-1	Yes	No	Yes	No	Yes
Isopropyl acetate	108-21-4	Yes	No	Yes	No	Yes
Titanium dioxide	13463-67-7	Yes	No	Yes	No	Yes
Toluene	108-88-3	Yes	No	Yes	No	Yes
Xylene	1330-20-7	Yes	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Acetic acid, butyl ester	123-86-4	B2
• 2-Heptanone	110-43-0	B3, D2B D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.)
• Titanium dioxide	13463-67-7	
• Toluene	108-88-3	B2, D2A, D2B
• Xylene	1330-20-7	B2, D2A, D2B
• Isopropyl acetate	108-21-4	B2 Uncontrolled product according to WHMIS classification criteria
• Carbonic acid calcium salt (1:1)	471-34-1	

Canada - WHMIS - Ingredient Disclosure List

• Acetic acid, butyl ester	123-86-4	1 %
• 2-Heptanone	110-43-0	1 %
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	1 %
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	1 %
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

Environment**Canada - CEPA - Priority Substances List**

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Priority Substance List 1 (substance not considered toxic)
• Xylene	1330-20-7	Priority Substance List 1 (substance not considered toxic)
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed

• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	
• Xylene	1330-20-7	(isomers and mixtures)
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Acetic acid, butyl ester	123-86-4	5000 lb final RQ (listed under Butyl acetate); 2270 kg final RQ (listed under Butyl acetate)
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	1000 lb final RQ; 454 kg final RQ
• Xylene	1330-20-7	100 lb final RQ; 45.4 kg final RQ
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	1.0 % de minimis concentration
• Xylene	1330-20-7	1.0 % de minimis concentration
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	developmental toxicity, initial date 1/1/91
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	7000 µg/day MADL (level represents absorbed dose)
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	female reproductive toxicity, initial date 8/7/09
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Acetic acid, butyl ester	123-86-4	Not Listed
• 2-Heptanone	110-43-0	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Toluene	108-88-3	Not Listed
• Xylene	1330-20-7	Not Listed
• Isopropyl acetate	108-21-4	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16 - Other Information**Relevant Phrases (code & full text)**

- H226 - Flammable liquid and vapour
- H302 - Harmful if swallowed
- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H341 - Suspected of causing genetic defects.
- H351 - Suspected of causing cancer.
- R10 - Flammable.
- R20/21 - Harmful by inhalation and in contact with skin.
- R36 - Irritating to eyes.
- R38 - Irritating to skin.
- R40 - Limited evidence of a carcinogenic effect.
- R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R68 - Possible risk of irreversible effects.

Revision Date

- 23/October/2015

Preparation Date

- 03/April/2012

Disclaimer/Statement of

- To the best of our knowledge, the information contained in this SDS is accurate or is

Liability

obtained from sources believed to be accurate. However, no liability, expressed or implied, is assumed for the accuracy or completeness of the information contained herein. Buyer assumes liability in its use of the material.

Key to abbreviations

NDA = No data available
