

Safety Data Sheet

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

Date of issue: 2019/11/25 Revision date: 2019/11/25 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture

Product name : Durathane FPX Base FS#36081 MIL-PRF-85285 Type I & IV CL H Polyurethane Topcoat Two-Component Touch-up Paint Pen

Product code : 8010-01-583-1736 p/n 801085285 (Part A, color 36081)

Product group: 9740-LINE Finished Good

1.2. Recommended use and restrictions on use

Recommended use : Product for industrial use only

Restrictions on use : Not applicable

1.3. Supplier

Manufacturer

Tempo Aerospace Inc. 205 Fenmar Drive M9L 2X4 Toronto, ON - Canada F 416.746.2235

www.tempo-aerospace.com

Filled by

Delaware Paint Company 8455 Rausch Drive Plain City, Ohio USA 43064

F 740-368-9981

1.4. Emergency telephone number

Emergency number : Tempo Aerospace Inc. (416)746-2233; CANUTEC: +01 (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

H226 Flammable liquids, Category 3 Flammable liquid and vapour.

H332 Acute toxicity (inhalation:dust,mist) Category 4 Harmful if inhaled.

H340 Germ cell mutagenicity, Category 1 May cause genetic defects.
H350 Carcinogenicity, Category 1 May cause cancer.

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA)







Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H226 - Flammable liquid and vapour.

H332 - Harmful if inhaled.

H340 - May cause genetic defects.

H350 - May cause cancer.

Precautionary statements (GHS CA) : P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P233 - Keep container tightly closed.

P240 - Ground/bond container and receiving equipment.

P241 - Use explosion-proof electrical/ventilating/lighting equipment.

P242 - Use only non-sparking tools.

P243 - Take action to prevent static discharges.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P271 - Use only outdoors or in a well-ventilated area.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P312 - Call a POISON CENTER or doctor if you feel unwell.

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P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS CA)
heptan-2-one	(CAS-No.) 110-43-0	10 - 30*	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332
tert-butyl acetate	(CAS-No.) 540-88-5	5 - 10*	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H336 STOT SE 3, H335
Titanium oxide, (TiO2)	(CAS-No.) 13463-67-7	1 - 10*	Carc. 2, H351
carbon black	(CAS-No.) 1333-86-4	1 - 5*	Carc. 2, H351
solvent naphtha (petroleum), light aromatic	(CAS-No.) 64742-95-6	0.1 - 1*	Flam. Liq. 2, H225 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. If breathing is difficult, trained personnel should give oxygen. Maintain

airway. Loosen tight clothing such as a collar, tie, belt or waistband.

First-aid measures after skin contact : Wash immediately with lots of water (15 minutes)/shower. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get medical

all exposed skin area with mild soap and water, followed by warm water rinse. Get medical advice/attention. Wash clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

: Rinse mouth out with water. Remove person to fresh air and keep comfortable for breathing. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs have person lean forward. Maintain airway. If unconscious, place in the recovery

position and seek medical advice. Call a poison center or a doctor if you feel unwell.

First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

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

No additional information available

First-aid measures after ingestion

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Fire hazard : Flammable liquid and vapour.

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^{*}Chemical name, CAS number and/or exact concentration have been withheld as CBI

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Explosion hazard Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of

burns and injuries.

Special protective equipment and precautions for fire-fighters

Firefighting instructions : Evacuate area. Fight fire from safe distance and protected location. Approach fire from upwind

to avoid hazardous vapours or gases.

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures : No open flames. No smoking.

Personal Precautions, Protective Equipment Evacuate area. Do not touch or walk on the spilled product. Eliminate ignition sources. Avoid and Emergency Procedures breathing (dust, vapor, mist, gas). Provide adequate ventilation. Wear personal protective

equipment.

Methods and materials for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters.

Other information : Dispose of materials or solid residues at an authorized site.

Reference to other sections

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

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open

flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in

the hazard area must be cleaned regularly.

Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke Hygiene measures

when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

Control parameters

heptan-2-one (110-43-0)		
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	Remark (ACGIH)	TLV® Basis: Eye & skin irr
USA - ACGIH	Regulatory reference	ACGIH 2019
USA - OSHA	OSHA PEL (TWA) (mg/m³)	465 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA - OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
carbon black (1333-86-4)		
USA - ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (Inhalable fraction)

carbon black (1333-86-4)		
USA - ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (Inhalable fraction)
USA - ACGIH	Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
USA - ACGIH	Regulatory reference	ACGIH 2019
USA - OSHA	OSHA PEL (TWA) (mg/m³)	3.5 mg/m³
USA - OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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tert-butyl acetate (540	-88-5)	
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	ACGIH STEL (ppm)	150 ppm
USA - ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr
USA - ACGIH	Regulatory reference	ACGIH 2019
USA - OSHA	OSHA PEL (TWA) (mg/m³)	950 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA - OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Titanium oxide, (TiO2) (13463-67-7)		
USA - ACGIH	ACGIH TWA (mg/m³)	10 mg/m³
USA - ACGIH	Remark (ACGIH)	TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
USA - ACGIH	Regulatory reference	ACGIH 2019
USA - OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³
USA - OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls

: Ensure good ventilation of the work station. Keep concentrations well below lower explosion limits. Ensure exposure is below occupational exposure limits (where available). Use explosion-proof equipment.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses with side shields

Skin and body protection:

Wear suitable protective clothing. Avoid contact with skin

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Personal protective equipment symbol(s):











SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : No data available

Colour : Grey
Odour : ketones

Odour threshold : No data available pH : No data available Relative evaporation rate (butylacetate=1) : No data available Relative evaporation rate (ether=1) : No data available Melting point : Not applicable Freezing point : No data available

Boiling point : > 35 °C Flash point : ≈ 27 °C

Auto-ignition temperature : No data available

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Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : No data available Vapour pressure at 50 °C : No data available Relative density : No data available Density : 1.1031 a/cm³ Solubility : No data available Log Pow : No data available : No data available Explosive limits

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Flammable liquid and vapour.
Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.

Conditions to avoid : Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be

produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Harmful if inhaled.

heptan-2-one (110-43-0)	
LD50 oral rat	1600 mg/kg bodyweight (Rat, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
LD50 dermal rabbit	10313 mg/kg
LC50 inhalation rat (mg/l)	> 16.7 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
carbon black (1333-86-4)	
LD50 oral rat	> 8000 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit, Literature study, Dermal)
LC50 inhalation rat (mg/l)	> 4.6 mg/l air (4 h, Rat, Experimental value, Inhalation)
solvent naphtha (petroleum), light aromatic (64742-95-6)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (ppm)	3670 ppm/4h
tert-butyl acetate (540-88-5)	
LD50 oral rat	4500 mg/kg bodyweight (EPA OTS 798.1175, Rat, Male / female, Experimental value, Oral, 014 day(s))
LD50 dermal rabbit	> 2000 mg/kg bodyweight (EPA OTS 798.1100, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 inhalation rat (ppm)	4211 ppm (6 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
Titanium oxide, (TiO2) (13463-67-7)	
LD50 oral rat	> 5000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral, 14 day(s))
LC50 inhalation rat (mg/l)	> 6.82 mg/l (Other, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 6.82 mg/l/4h Dust
kin corrosion/irritation	: Not classified
erious eye damage/irritation	: Not classified
espiratory or skin sensitization	: Not classified

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Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

tert-butyl acetate (540-88-5)	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-

term (acute)

: Not classified

Hazardous to the aquatic environment, long-

term (chronic)

: Not classified

heptan-2-one (110-43-0)	
LC50 fish 1	131 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 Daphnia 1	> 90.1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semistatic system, Fresh water, Experimental value, GLP)
EC50 72h algae (1)	98.2 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)
EC50 72h algae (2)	75.5 mg/l (OECD 201: Alga, Growth Inhibition Test, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Biomass)
Log Koc	1.45 (log Koc, EU Method C.19, Experimental value)

carbon black (1333-86-4)	
LC50 fish 1	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Literature study)
EC50 Daphnia 1 > 5600 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magn system, Fresh water, Experimental value)	
EC50 72h algae (1)	> 10000 mg/l (OECD 201: Alga, Growth Inhibition Test, Scenedesmus subspicatus, Static system. Fresh water. Experimental value)

solvent naphtha (petroleum), light aromatic (64742-95-6)		
Log Pow	2.1 - 6	

tert-butyl acetate (540-88-5)	
LC50 fish 1	240 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	350 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 (algae)	16 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
BCF fish 1	6.734 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Log Pow	1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.7 °C)
Log Koc	1.084 - 1.833 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Titanium oxide, (TiO2) (13463-67-7)	
LC50 fish 1	> 100 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
ErC50 (algae)	61 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)

12.2. Persistence and degradability

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heptan-2-one (110-43-0)			
BOD (% of ThOD)	heptan-2-one (110-43-0)		
Carbon black (1333-86-4) Persistence and degradability in soil: not applicable. Biodegradability: not applicable. ThOD Not applicable BOD (% of ThOD) Not applicable ThOD Not applicable BOD (% of ThOD) Not applicable Thotal Carbon black (160-28-5) Persistence and degradability Not readily biodegradable in water. Titanium oxide, (TiO2) (13463-87-7) Persistence and degradability Biodegradable in water. Titanium oxide, (TiO2) (13463-87-7) Persistence and degradability Biodegradable in water. Titanium oxide, (TiO2) (13463-87-7) Persistence and degradability Biodegradability: not applicable. Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicabl			
Persistence and degradability (COD) Not applicable	BOD (% of ThOD)	0.44	
Chemical oxygen demand (COD) Not applicable ThOD Not applicable BOD (% of ThOD) Not applicable tort-butyl acetate (640-88-5) Persistence and degradability Not readily biodegradable in water. Titanium oxide, (TiO2) (13463-67-7) Persistence and degradability Not applicable (norganic) ThoD (100 Not applicable (100 Not applicable (norganic) Thod (100 Not applicable (norganic) Thod (100 Not applicable (norganic) Thod (100 Not applicable (100 Not applicable (norganic) Thod (100 Not applicable (norganic) Thod (100 Not applicable (norganic) Thod (100 Not applicable (100 Not applicable (norganic) Thod (100 Not applicable (norganic) Thod (100 Not applicable (norganic) Thod (100 Not applicable (1	carbon black (1333-86-4)		
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BOD (% of ThOD) Not applicable tert-butyl acetate (540-88-5) Persistence and degradability Not readily blodegradable in water. Titanium oxide, (TiO2) (13483-67-7) Persistence and degradability Blodegradability: not applicable. Chemical oxygen demand (COD) Not applicable (inorganic) ThOD Not applicable (inorganic) ThOD Not applicable (inorganic) ThOD Not applicable (inorganic) ThOD Not applicable (inorganic) 12.3. Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Log Koc 1.45 (log Koc, EU Method C.19, Experimental value) carbon black (1333-86-4) Bioaccumulative potential Not bioaccumulative. solvent naphtha (petroleum), light aromatic (64742-95-6) Log Pow 2.1 - 6 Tert-butyl acetate (540-88-5) Bioaccumulative potential Low potential for bioaccumulation (Log Kow < 4). Log Pow 1.74 (log Kor, EU Method C.19, Experimental value) Log Pow 1.74 (log Kor, EU Method C.19, Experimental value) Log Pow 1.74 (log Kor, EU Method C.19, Experimental value) Log Roc 1.45 (log Kor, EU Method C.19, Experimental value, Presh weight) Log Roc 1.48 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method (2.1, 7°C) Method (2.1, 7°C) Titanium oxide, (TiO2) (13463-67-7) Bioaccumulative potential Not bioaccumulative. 12.4. Mobility in soil heptan-2-one (110-43-0) Surface tension 0.0591 N/m (2.1.6 °C, EU Method A.5: Surface tension) Ecology - soil Highly mobile in soil. Log Koc 1.45 (log Koc, EU Method C.19, Experimental value) Ecology - soil Adonomic (64742-95-6) Log Pow 2.1 - 6 tert-butyl acetate (540-88-5) Ecology - soil Adonomic (64742-95-6) Log Pow 1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method (2.1, 7°C) Titanium oxide, (TiO2) (13463-67-7) Ecology - soil Highly mobile in soil. Log Roc 1.45 (log Koc, EU Method C.19, Experimental value) Log Pow 1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 2.1, 7°C) Titanium oxide, (TiO2) (13463-67-7) Ecolo	Chemical oxygen demand (COD)	Not applicable	
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Persistence and degradability	BOD (% of ThOD)	Not applicable	
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Persistance and degradability Chemical oxygen demand (COD) Not applicable (inorganic) Not applicable (inorganic) 12.3. Bioaccumulative potential Phoptan-2-one (110-43-0) Bioaccumulative potential Low potential for bioaccumulation (Log Kow ≺ 4). Log Koc 1,45 (log Koc, EU Method C.19, Experimental value) Carbon black (1333-86-4) Bioaccumulative potential Not bioaccumulative. Solvent naphtha (petroleum), light aromatic (84742-95-6) Log Pow 2,1-6 tert-butyl acetate (540-88-5) Bioaccumulative potential Low potential for bioaccumulation (Log Kow ≺ 4). Log Pow 2,1-6 tert-butyl acetate (540-88-5) Bioaccumulative potential Low potential for bioaccumulation (Log Kow ≺ 4). Log Pow 6,7-34 l/kg (BCFBAF ∨ 3.01, Estimated value, Fresh weight) Log Pow 1,64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.7 °C) Log Koc 1,084 - 1,833 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) 17 Itanium oxide, (TiO2) (13463-67-7) Bioaccumulative potential Not bioaccumulative. 12.4. Mobility in soil heptan-2-one (110-43-0) Surface tension 0,0591 N/m (21.6 °C, EU Method A.5: Surface tension) Ecology - soil Highly mobile in soil. Log Koc 1,45 (log Koc, EU Method C.19, Experimental value) carbon black (1333-86-4) Ecology - soil Adsorbs into the soil. Not toxic to plants. Not toxic to animals. solvent naphtha (petroloum), light aromatic (64742-95-6) Log Pow 2,1-6 Hert-butyl acetate (540-88-5) Surface tension 64 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) Highly mobile in soil. Log Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) 10 g Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) Log Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) Log Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) Log Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) Log Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value) Log Koc 1,094 - 1,333 (log Koc, SRC PCKOCWIN v 2.0, Calculated value)	Persistence and degradability	Not readily biodegradable in water.	
Chemical oxygen demand (COD) Not applicable (inorganic)	Titanium oxide, (TiO2) (13463-67-7)		
ThOD Not applicable (inorganic) 12.3. Bioaccumulative potential heptan-2-one (110-43-0) Bioaccumulative potential Low potential of bioaccumulation (Log Kow < 4). Log Koc 1,45 (log Koc, EU Method C.19, Experimental value) carbon black (1333-86-4) Bioaccumulative potential Not bioaccumulative. solvent naphtha (petroleum), light aromatic (64742-95-6) Log Pow 2.1-6 tort-butyl acetate (540-98-5) Bioaccumulative potential Composition of the provided of the pr	Persistence and degradability	Biodegradability: not applicable.	
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Surface tension 64 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) Ecology - soil Highly mobile in soil. Log Koc 1.084 - 1.833 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Log Pow 1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.7 °C) Titanium oxide, (TiO2) (13463-67-7) Ecology - soil Low potential for mobility in soil.	tert-butyl acetate (540-88-5)		
Ecology - soil Log Koc 1.084 - 1.833 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Log Pow 1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.7 °C) Titanium oxide, (TiO2) (13463-67-7) Ecology - soil Low potential for mobility in soil.		64 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)	
Log Koc 1.084 - 1.833 (log Koc, SRC PCKOCWIN v2.0, Calculated value) Log Pow 1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.7 °C) Titanium oxide, (TiO2) (13463-67-7) Ecology - soil Low potential for mobility in soil.			
Log Pow 1.64 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 21.7 °C) Titanium oxide, (TiO2) (13463-67-7) Ecology - soil Low potential for mobility in soil.		0.7	
Method, 21.7 °C) Titanium oxide, (TiO2) (13463-67-7) Ecology - soil Low potential for mobility in soil.	-		
Ecology - soil Low potential for mobility in soil.	_		
¥	Titanium oxide, (TiO2) (13463-67-7)		
12.5. Other adverse effects	Ecology - soil	Low potential for mobility in soil.	
	12.5 Other adverse effects		

12.5. Other adverse effects

Ozone : Not classified

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Safety Data Sheet

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

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

Transportation of Dangerous Goods

UN-No. (TDG) : UN1263
Packing group : III - Minor Danger

TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids

Transport document description : UN1263 PAINT, 3, III

Proper Shipping Name (Transportation of

Dangerous Goods)

: PAINT

Hazard labels (TDG) : 3 - Flammable liquids



Explosive Limit and Limited Quantity Index : 5 L

Excepted quantities (TDG) : E1

Passenger Carrying Road Vehicle or Passenger : 60 L

Carrying Railway Vehicle Index

14.2. Transport information/DOT

Department of Transport

DOT NA No : UN1263 UN-No.(DOT) : 1263

Packing group (DOT) : III - Minor Danger
Transport document description : UN1263 Paint, 3, III

Proper Shipping Name (DOT) : Paint

Contains Statement Field Selection (DOT)

Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Division (DOT) : 3

Hazard labels (DOT) : 3 - Flammable liquid



Marine pollutant : NO Emergency Response Guide (ERG) Number : 128

Other information : No supplementary information available.

14.3. Air and sea transport

IMDG

UN-No. (IMDG) : 1263
Proper Shipping Name (IMDG) : PAINT

Transport document description (IMDG) : UN 1263 PAINT, 3, III Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

IATA

UN-No. (IATA) : 1263

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Safety Data Sheet

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

Proper Shipping Name (IATA) : Paint

Transport document description (IATA) : UN 1263 Paint, 3, III

Class (IATA) : 3 - Flammable Liquids

Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. National regulations

heptan-2-one (110-43-0)

Listed on the Canadian DSL (Domestic Substances List)

carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List)

solvent naphtha (petroleum), light aromatic (64742-95-6)

Listed on the Canadian DSL (Domestic Substances List)

tert-butyl acetate (540-88-5)

Listed on the Canadian DSL (Domestic Substances List)

Canada DSL & NDSL Flags Substance was manufactured or imported after July 1, 1994

Titanium oxide, (TiO2) (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

15.2. International regulations

heptan-2-one (110-43-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

carbon black (1333-86-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

solvent naphtha (petroleum), light aromatic (64742-95-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

tert-butyl acetate (540-88-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Titanium oxide, (TiO2) (13463-67-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

Date of issue : 2019/10/21
Revision date : 2019/10/21

Full text of H-statements:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.

Tempo SDS GHS Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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