Safety Data Sheet

#### **SECTION 1: Identification**

#### 1.1. Identification

Product name : Fluropon Aerosol Touch-Up Paint

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

Use of the substance/mixture : Paint

#### 1.3. Details of the supplier of the safety data sheet

Linetec 7500 Stewart Avenue Wausau, WI 54401 T 715-843-4100

#### 1.4. Emergency telephone number

Emergency number : INFOTRAC 1-800-535-5053

#### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

#### Classification (GHS-US)

Flam. Liq. 2 H225 Acute Tox. 4 (Dermal) H312 Acute Tox. 4 (Inhalation) H332 Skin Irrit. 2 H315 Eye Irrit. 2A H319 Skin Sens. 1 H317 Carc. 1A H350 Repr. 2 H361 STOT SE 3 H336 STOT RE 2 H373

#### 2.2. Label elements

#### **GHS-US** labeling

Hazard pictograms (GHS-US)





GHS02

GHS07

CHEVO

Signal word (GHS-US) : Danger

Contains : Toluene; Ethyl alcohol; Formaldehyde

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapor

H312+H332 - Harmful in contact with skin or if inhaled

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H350 - May cause cancer

H361 - Suspected of damaging fertility or the unborn child

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) : 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/hot surfaces. - 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 precautionary measures against static discharge P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P264 - Wash thoroughly after handling

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P271 - Use only outdoors or in a well-ventilated area

P272 - Contaminated work clothing must not be allowed out of the workplace

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

P302+P352 - If on skin: Wash with plenty of water

P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

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

P312 - Call a poison center/doctor if you feel unwell

P314 - Get medical advice/attention if you feel unwell

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse

P363 - Wash contaminated clothing before reuse

P370+P378 - In case of fire: Use dry chemical, CO2, water spray (fog) or foam to extinguish

P403+P233 - Store in a well-ventilated place. Keep container tightly closed

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

P405 - Store locked up

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

#### **SECTION 3: Composition/information on ingredients**

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Propylene glycol monomethyl ether acetate	(CAS No) 108-65-6	Trade Secret	Flam. Liq. 3, H226
Toluene	(CAS No) 108-88-3	Trade Secret	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373
Xylenes (o-, m-, p- isomers)	(CAS No) 1330-20-7	Trade Secret	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
Methyl ethyl ketone	(CAS No) 78-93-3	Trade Secret	Flam. Liq. 2, H225
Ethylbenzene	(CAS No) 100-41-4	Trade Secret	Flam. Liq. 2, H225 Carc. 2, H351
2-Butoxyethanol	(CAS No) 111-76-2	Trade Secret	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311
Chromium oxide (Cr2O3)	(CAS No) 1308-38-9	Trade Secret	Not classified
Titanium dioxide	(CAS No) 13463-67-7	Trade Secret	Carc. 2, H351
Ethyl alcohol	(CAS No) 64-17-5	Trade Secret	Flam. Liq. 2, H225 Carc. 1A, H350
C.I. Pigment Blue 28	(CAS No) 1345-16-0	Trade Secret	Not classified
Spinels, chromium copper black	(CAS No) 68186-91-4	Trade Secret	Not classified
Dimethyl phthalate	(CAS No) 131-11-3	Trade Secret	Aquatic Chronic 3, H412
C.I. Pigment Green 50	(CAS No) 68186-85-6	Trade Secret	Not classified
C.I. Pigment Blue 36	(CAS No) 68187-11-1	Trade Secret	Not classified
Ethylene glycol monobutyl ether acetate	(CAS No) 112-07-2	Trade Secret	Flam. Liq. 4, H227 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332
Aluminum	(CAS No) 7429-90-5	Trade Secret	Not classified
C.I. Pigment Brown 24	(CAS No) 68186-90-3	Trade Secret	Not classified
C.I. Pigment Yellow 53	(CAS No) 8007-18-9	Trade Secret	Not classified
Propane	(CAS No) 74-98-6	Trade Secret	Flam. Gas 1, H220 Compressed gas, H280

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Name	Product identifier	%	Classification (GHS-US)
Butane	(CAS No) 106-97-8	Trade Secret	Flam. Gas 1, H220 Compressed gas, H280
Acetone	(CAS No) 67-64-1	Trade Secret	Flam. Liq. 2, H225
Propylene glycol monomethyl ether	(CAS No) 107-98-2	Trade Secret	Flam. Liq. 3, H226
Formaldehyde	(CAS No) 50-00-0	Trade Secret	Skin Corr. 1A, H314 Carc. 1A, H350

Full text of H-phrases: see section 16

#### **SECTION 4: First aid measures**

#### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation

: Get medical attention immediately if symptoms occur. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband.

First-aid measures after skin contact

: Get medical attention immediately if symptoms occur. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

First-aid measures after eye contact

: Get medical attention immediately if symptoms occur. Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

First-aid measures after ingestion

Get medical attention immediately. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation

: Toxic by inhalation. Irritating to respiratory system. Other effects of inhalation may include: anesthesia, blood effects, CNS effects, confusion, depression, diarrhea, dizziness, drowsiness, excitation, fatigue, headache, incoordination, irregular heartbeat, kidney damage, liver damage, narcosis, nausea, pulmonary edema, vomiting, and weakness.

Symptoms/injuries after skin contact

Severe irritation to the skin. Other effects of skin contact may include: dehydration, dermatitis, discoloration. Effects due to absorption through skin may include: blood effects, CNS effects, diarrhea, dizziness, drowsiness, fatigue, headache, incoordination, kidney damage, narcosis, nausea, vomiting, and weakness.

Symptoms/injuries after eye contact

Symptoms/injuries after ingestion

: Severe irritation to eyes. Causes eye damage, redness, swelling or tearing.

: Toxic if swallowed. Other effects of ingestion may include: blood effects, cardiovascular effects, CNS effects, diarrhea, dizziness, drowsiness, fatigue, gastric disturbances, gastroenteritis, headache, irritation, kidney damage, liver damage, nausea, vomiting, and weakness.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

#### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Use dry chemical, CO2, water spray (fog) or foam.

Unsuitable extinguishing media : None.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapor.

Explosion hazard : Aerosol containers may explode when exposed to extreme heat. Contents under pressure.

#### 5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

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#### 6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

#### 6.3. Methods and material for containment and cleaning up

For containment

: Isolate area. Keep unnecessary personnel away. Stop leak if without risk. Move containers

from spill area. Use spark-proof tools and explosion-proof equipment.

Methods for cleaning up

: Dispose of via a licensed waste disposal contractor.

#### 6.4. Reference to other sections

No additional information available

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling

: Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

#### **SECTION 8: Exposure controls/personal protection**

Pronylene glycol monomethyl ether acetate (108-65-6)

#### 8.1. Control parameters

Propylene glycol monomethyl ether acetate (108-65-6)		
AIHA	WEEL TWA (ppm)	50 ppm
Toluene (108-88-3)		
ACGIH	ACGIH TWA (ppm)	20 ppm
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm
IDLH	US IDLH (ppm)	500 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	375 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m³)	560 mg/m³
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
Xylenes (o-, m-, p- isomers)	(1330-20-7)	
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Methyl ethyl ketone (78-93-3)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	300 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	590 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
IDLH	US IDLH (ppm)	3000 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	590 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	200 ppm

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Methyl ethyl ketone (78-93-3	)		
NIOSH	NIOSH REL (STEL) (mg/m³)	885 mg/m <sup>3</sup>	
NIOSH	NIOSH REL (STEL) (ppm)	300 ppm	
Ethylbenzene (100-41-4)	1		
ACGIH	ACGIH TWA (ppm)	20 ppm	
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³	
OSHA	OSHA PEL (TWA) (ppm)	100 ppm	
IDLH	US IDLH (ppm)	800 ppm (10% LEL)	
NIOSH	NIOSH REL (TWA) (mg/m³)	435 mg/m³	
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm	
NIOSH	NIOSH REL (STEL) (mg/m³)	545 mg/m³	
NIOSH	NIOSH REL (STEL) (ppm)	125 ppm	
2-Butoxyethanol (111-76-2)			
ACGIH	ACGIH TWA (ppm)	20 ppm	
OSHA	OSHA PEL (TWA) (mg/m³)	240 mg/m³	
OSHA	OSHA PEL (TWA) (ppm)	50 ppm	
IDLH	US IDLH (ppm)	700 ppm	
NIOSH	NIOSH REL (TWA) (mg/m³)	24 mg/m³	
NIOSH	NIOSH REL (TWA) (ppm)	5 ppm	
C.I. Pigment Blue 36 (68187-	11-1)	·	
Not applicable			
Dimethyl phthalate (131-11-3	3)		
ACGIH	ACGIH TWA (mg/m³)	5 mg/m³	
OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³	
IDLH	US IDLH (mg/m³)	2000 mg/m³	
NIOSH	NIOSH REL (TWA) (mg/m³)	5 mg/m³	
Titanium dioxide (13463-67-	7)		
ACGIH	ACGIH TWA (mg/m³)	10 mg/m³	
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³ (total dust)	
IDLH	US IDLH (mg/m³)	5000 mg/m <sup>3</sup>	
C.I. Pigment Blue 28 (1345-1	6-0)		
Not applicable			
C.I. Pigment Green 50 (6818	6-85-6)		
Not applicable			
Chromium oxide (Cr2O3) (13	308-38-9)		
Not applicable			
Spinels, chromium copper b	elack (68186-91-4)		
Not applicable			
Ethylene glycol monobutyl			
ACGIH	ACGIH TWA (ppm)	20 ppm	
NIOSH	NIOSH REL (TWA) (mg/m³)	33 mg/m³	
NIOSH	NIOSH REL (TWA) (ppm)	5 ppm	
Ethyl alcohol (64-17-5)			
ACGIH	ACGIH STEL (ppm)	1000 ppm	

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Ethyl alcohol (64-17-5)		
OSHA	OSHA PEL (TWA) (mg/m³)	1900 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
IDLH	US IDLH (ppm)	3300 ppm (10% LEL)
NIOSH	NIOSH REL (TWA) (mg/m³)	1900 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
C.I. Pigment Yellow 53 (8007-	-18-9)	
Not applicable	· · ·	
C.I. Pigment Brown 24 (68186	6-90-3)	
Not applicable		
Aluminum (7429-90-5)		
ACGIH	ACGIH TWA (mg/m³)	1 mg/m³ (respirable fraction)
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³ (total dust)
		5 mg/m³ (respirable fraction)
NIOSH	NIOSH REL (TWA) (mg/m³)	10 mg/m³ (total dust) 5 mg/m³ (respirable dust)
Formaldehyde (50-00-0)		J (14) 111 2227
ACGIH	ACGIH Ceiling (ppm)	0.3 ppm
OSHA	OSHA PEL (TWA) (ppm)	0.75 ppm
OSHA	OSHA PEL (STEL) (ppm)	2 ppm (see 29 CFR 1910.1048)
IDLH	US IDLH (ppm)	20 ppm
NIOSH	NIOSH REL (TWA) (ppm)	0.016 ppm
NIOSH	NIOSH REL (ceiling) (ppm)	0.1 ppm
Acetone (67-64-1)	, 3, 41 ,	<u> </u>
ACGIH	ACGIH TWA (ppm)	250 ppm
ACGIH	ACGIH STEL (ppm)	500 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	2400 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
IDLH	US IDLH (ppm)	2500 ppm (10% LEL)
NIOSH	NIOSH REL (TWA) (mg/m³)	<b>500</b> / 0
NIOSH	1 1 1 0 0 1 1 1 1 L L L L L L L L L L L	590 mg/m³
Propylene glycol monomethy	NIOSH REL (TWA) (ppm)	250 ppm
ACGIH	NIOSH REL (TWA) (ppm)	<u> </u>
	NIOSH REL (TWA) (ppm)	<u> </u>
ACGIH	NIOSH REL (TWA) (ppm) yl ether (107-98-2)	250 ppm
ACGIH NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)	250 ppm 50 ppm
	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)	250 ppm 50 ppm 100 ppm
NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)	250 ppm  50 ppm  100 ppm  360 mg/m³
NIOSH NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm
NIOSH NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)  NIOSH REL (STEL) (mg/m³)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm  540 mg/m³
NIOSH NIOSH NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)  NIOSH REL (STEL) (mg/m³)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm  540 mg/m³
NIOSH NIOSH NIOSH NIOSH Butane (106-97-8)	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)  NIOSH REL (STEL) (mg/m³)  NIOSH REL (STEL) (ppm)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm  540 mg/m³  150 ppm
NIOSH NIOSH NIOSH NIOSH Butane (106-97-8) ACGIH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)  NIOSH REL (STEL) (mg/m³)  NIOSH REL (STEL) (ppm)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm  540 mg/m³  150 ppm
NIOSH NIOSH NIOSH NIOSH  Butane (106-97-8) ACGIH NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)  NIOSH REL (STEL) (mg/m³)  NIOSH REL (STEL) (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm  540 mg/m³  150 ppm  1000 ppm  1900 mg/m³
NIOSH NIOSH NIOSH NIOSH  Butane (106-97-8) ACGIH NIOSH NIOSH	NIOSH REL (TWA) (ppm)  yl ether (107-98-2)  ACGIH TWA (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)  NIOSH REL (TWA) (ppm)  NIOSH REL (STEL) (mg/m³)  NIOSH REL (STEL) (ppm)  ACGIH STEL (ppm)  NIOSH REL (TWA) (mg/m³)	250 ppm  50 ppm  100 ppm  360 mg/m³  100 ppm  540 mg/m³  150 ppm  1000 ppm  1900 mg/m³

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Propane (74-98-6)		
IDLH	US IDLH (ppm)	2100 ppm (10% LEL)
NIOSH	NIOSH REL (TWA) (mg/m³)	1800 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm

#### 8.2. Exposure controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.

Hand protection : Personal protective equipment for the body should be selected based on the task being

performed and the risks involved.

Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment

indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin and body protection : Wear suitable working clothes.

Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved

respiratory protection.

#### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Various
Odor : Slight

Odor threshold : No data available pH : No data available Melting point : No data available Freezing point : No data available Boiling point : No data available Flash point : 21 °C (70°F)

Relative evaporation rate (butyl acetate=1) : >2

Flammability (solid, gas) : No data available

Explosion limits : 1 - 13

Explosive properties : No data available

Oxidizing properties : No data available

Vapor pressure : > 90 mm Hg 77°F (25°C)

Relative density : No data available Relative vapor density at 20 °C : No data available

Specific gravity / density : > 1

Solubility : No data available
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available

9.2. Other information

VOC content : 4.559 lb/gal

#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

#### 10.3. Possibility of hazardous reactions

Will not occur.

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#### 10.4. Conditions to avoid

Avoid all possible sources of ignition (spark or flame). Containers may explode when exposed to extreme heat (>120F).

#### 10.5. Incompatible materials

Reactive or incompatible with strong oxidizing materials.

#### 10.6. Hazardous decomposition products

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, nitrogen oxides, halogenated compounds, metal oxide/oxides.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

Acute toxicity : Dermal: Harmful in contact with skin. Inhalation: Harmful if inhaled.

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Fluropon Aerosol Touch-Up Paint		
ATE US (dermal)	1100.000 mg/kg body weight	
ATE US (gases)	4500.000 ppmV/4h	
ATE US (vapors)	11.000 mg/l/4h	
ATE US (dust, mist)	1.500 mg/l/4h	
Propylene glycol monomethyl ether acetate (	108-65-6)	
LD50 oral rat	8532 mg/kg	
LD50 dermal rabbit	> 5 g/kg	
ATE US (oral)	8532.000 mg/kg	
Toluene (108-88-3)		
LD50 oral rat	2600 mg/kg	
LD50 dermal rabbit	12000 mg/kg	
LC50 inhalation rat (mg/l)	12.5 mg/l/4h	
ATE US (oral)	636.000 mg/kg	
ATE US (dermal)	8390.000 mg/kg	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
LD50 oral rat	3500 mg/kg	
LD50 dermal rabbit	> 4350 mg/kg	
LC50 inhalation rat (mg/l)	29.08 mg/l/4h	
ATE US (oral)	4300.000 mg/kg	
ATE US (dermal)	1100.000 mg/kg	
Methyl ethyl ketone (78-93-3)		
LD50 oral rat	2483 mg/kg	
LD50 dermal rabbit	5000 mg/kg	
LC50 inhalation rat (ppm)	11700 ppm/4h	
Ethylbenzene (100-41-4)		
LD50 oral rat	3500 mg/kg	
LD50 dermal rabbit	15400 mg/kg	
LC50 inhalation rat (mg/l)	17.2 mg/l/4h	
ATE US (oral)	3500.000 mg/kg	
ATE US (dermal)	15354.000 mg/kg	
2-Butoxyethanol (111-76-2)		
LD50 oral rat	470 mg/kg	
LD50 dermal rabbit	99 mg/kg	
LC50 inhalation rat (ppm)	450 ppm/4h	
ATE US (oral)	470.000 mg/kg body weight	
ATE US (dermal)	220.000 mg/kg body weight	
Dimethyl phthalate (131-11-3)	Dimethyl phthalate (131-11-3)	
LD50 oral rat	6800 mg/kg	
ATE US (oral)	6800.000 mg/kg body weight	
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Titanium dioxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg
Ethylene glycol monobutyl ether acetate (112	-07-2)
LD50 oral rat	2400 mg/kg
LD50 dermal rabbit	1480 mg/kg
ATE US (oral)	2400.000 mg/kg body weight
ATE US (dermal)	1480.000 mg/kg body weight
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h
Ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h
ATE US (oral)	7060.000 mg/kg
C.I. Pigment Brown 24 (68186-90-3)	
LD50 oral rat	> 10000 mg/kg
	r 19999 mgmg
Formaldehyde (50-00-0)	
LD50 oral rat	100 mg/kg
LD50 dermal rabbit	270 mg/kg
LC50 inhalation rat (mg/l)	0.578 mg/l/4h
Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg
LC50 inhalation rat (mg/l)	50100 mg/m³ (Exposure time: 8 h)
Propylene glycol monomethyl ether (107-98-2	2)
LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	13 g/kg
LC50 inhalation rat (ppm)	> 7559 ppm (Exposure time: 6 h)
ATE US (oral)	5200.000 mg/kg body weight
ATE US (dermal)	13000000.000 mg/kg body weight
Butane (106-97-8)	
LC50 inhalation rat (mg/l)	658 g/m³ (Exposure time: 4 h)
Propane (74-98-6)	
LC50 inhalation rat (mg/l)	658 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
	: May cause an allergic skin reaction.
	: Not classified
0 ,	: May cause cancer.
Carolinogerillorly	. Iway dauge dalidel.
Toluene (108-88-3)	
IARC group	3 - Not classifiable
Xylenes (o-, m-, p- isomers) (1330-20-7)	
IARC group	3 - Not classifiable
Ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	1 - Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen	Yes
list	
2-Butoxyethanol (111-76-2)	
IARC group	3 - Not classifiable

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Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

## Chromium oxide (Cr2O3) (1308-38-9) IARC group 3 - Not classifiable

Ethyl alcohol (64-17-5)	
IARC group	1 - Carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Formaldehyde (50-00-0)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes
In OSHA Specifically Regulated Carcinogen list	Yes

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (repeated

exposure)

: May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Propylene glycol monomethyl ether acetate (108-65-6)		
LC50 fish 1	161 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 1	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Toluene (108-88-3)		
LC50 fish 1	15.22 - 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 Daphnia 1	5.46 - 9.83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Xylenes (o-, m-, p- isomers) (1330-20-7)		
LC50 fish 1	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 Daphnia 1	3.82 mg/l (Exposure time: 48 h - Species: water flea)	
LC50 fish 2	2.661 - 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
EC50 Daphnia 2	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)	
Methyl ethyl ketone (78-93-3)		
LC50 fish 1	3130 - 3320 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 Daphnia 1	> 520 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
EC50 Daphnia 2	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Ethylbenzene (100-41-4)		
LC50 fish 1	11.0 - 18.0 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 fish 2	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])	
2-Butoxyethanol (111-76-2)		
LC50 fish 1	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)	

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Dimethyl phthalate (131-11-3)		
LC50 fish 1 49.5 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)		
EC50 Daphnia 1 33 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
C50 fish 2 37 - 69 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])		
NOEC (acute)	47200 mg/kg (Exposure time: 56 Days - Species: Eisenia foetida [soil dry weight])	

Ethylene glycol monobutyl ether acetate (112-07-2)			
EC50 Daphnia 1 37 mg/l (Exposure time: 48 h - Species: Daphnia magna)			
Ethyl alcohol (64-17-5)			
LC50 fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])		
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])		
EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])		

Formaldehyde (50-00-0)	
LC50 fish 1	22.6 - 25.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	1510 μg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 2	11.3 - 18 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Acetone (67-64-1)	
LC50 fish 1	4.74 - 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	10294 - 17704 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	6210 - 8120 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	12600 - 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Propylene glycol monomethyl	ether (107-98-2)
LC50 fish 1	20.8 g/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	23300 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### Persistence and degradability

No additional information available

#### **Bioaccumulative potential**

Propylene glycol monomethyl ether acetate (108-65-6)			
Log Pow 0.43			
Toluene (108-88-3)			
Log Pow	2.65		
Xylenes (o-, m-, p- isomers) (1330-20-7)			
BCF fish 1	0.6 - 15		
Log Pow	2.77 - 3.15		
Methyl ethyl ketone (78-93-3)			
Log Pow	0.29		
Ethylbenzene (100-41-4)			
BCF fish 1	15		
Log Pow	3.118		
2-Butoxyethanol (111-76-2)			
Log Pow	0.81 (at 25 °C)		
Dimethyl phthalate (131-11-3)			
BCF fish 1	4.7 - 57		
Log Pow	2.12		

Ethylene glycol monobutyl ether acetate (112-07-2)		
BCF fish 1 (no significant bioaccumulation)		
Log Pow 1.51		

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Ethyl alcohol (64-17-5)		
Log Pow	-0.32	
Formaldehyde (50-00-0)		
Log Pow	0.35 (at 25 °C)	
Acetone (67-64-1)		
BCF fish 1	0.69	
Log Pow	-0.24	
Propylene glycol monomethyl ether (107-98-2)		
BCF fish 1	< 2	
Log Pow	-0.437	
Butane (106-97-8)		
Log Pow	2.89	
Propane (74-98-6)		
Log Pow	2.3	

#### 12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international

regulations.

#### **SECTION 14: Transport information**

#### **Department of Transportation (DOT)**

In accordance with DOT

Transport document description : UN1263 Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid

filler, and liquid lacquer base), 3, II

UN-No.(DOT) : UN1263
Proper Shipping Name (DOT) : Paint

including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid

lacquer base

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

Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

DOT Packaging Non Bulk (49 CFR 173.xxx) : 173 DOT Packaging Bulk (49 CFR 173.xxx) : 242

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DOT Special Provisions (49 CFR 172.102)

: 149 - When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packaging may be increased to 5 L (1.3 gallons)

B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks

IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized

T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when

the flash point of the hazardous material transported is greater than 0 C (32 F)

TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the

DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail : 5 L

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L

CFR 175.75)

**DOT Vessel Stowage Location** 

: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this

section is exceeded

Emergency Response Guide (ERG) Number : 128

Other information : No supplementary information available.

#### **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

#### Propylene glycol monomethyl ether acetate (108-65-6) Listed on the United States TSCA (Toxic Substances Control Act) inventory Toluene (108-88-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 SARA Section 313 - Emission Reporting Xylenes (o-, m-, p- isomers) (1330-20-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 SARA Section 313 - Emission Reporting Methyl ethyl ketone (78-93-3) Listed on the United States TSCA (Toxic Substances Control Act) inventory Ethylbenzene (100-41-4) Listed on the United States TSCA (Toxic Substances Control Act) inventory

Subject to reporting requirements of United States SARA Section 313

SARA Section 313 - Emission Reporting

#### 2-Butoxyethanol (111-76-2)

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

#### C.I. Pigment Blue 36 (68187-11-1)

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

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

Subject to reporting requirements of officed States SANA Section 313		
EPA TSCA Regulatory Flag  T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA		
SARA Section 313 - Emission Reporting 1.0 %		

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#### Titanium dioxide (13463-67-7)

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

#### C.I. Pigment Blue 28 (1345-16-0)

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

#### C.I. Pigment Green 50 (68186-85-6)

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

#### Chromium oxide (Cr2O3) (1308-38-9)

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

#### Spinels, chromium copper black (68186-91-4)

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

#### Ethylene glycol monobutyl ether acetate (112-07-2)

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

#### Ethyl alcohol (64-17-5)

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

#### C.I. Pigment Yellow 53 (8007-18-9)

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

#### C.I. Pigment Brown 24 (68186-90-3)

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

#### Aluminum (7429-90-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

Oubject to reporting requirements of office offices of ARA occitor 5 to

SARA Section 313 - Emission Reporting 1.0 % (dust or fume only)

#### Formaldehyde (50-00-0)

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

Listed on the United States SARA Section 302

Subject to reporting requirements of United States SARA Section 313

SARA Section 302 Threshold Planning
Quantity (TPQ)

SARA Section 313 - Emission Reporting

0.1 %

#### Acetone (67-64-1)

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

EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA

#### Propylene glycol monomethyl ether (107-98-2)

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

#### Butane (106-97-8)

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

#### Propane (74-98-6)

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

#### 15.2. US State regulations

Toluene (108-88-3)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	No	No	

Ethylbenzene (100-41-4)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	54 μg/day

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Titanium dioxide (13463-67-7)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	

Ethyl alcohol (64-17-5)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	Yes	No	No	

Formaldehyde (50-00-0)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	40 μg/day

#### Toluene (108-88-3)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Xylenes (o-, m-, p- isomers) (1330-20-7)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Methyl ethyl ketone (78-93-3)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Ethylbenzene (100-41-4)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### 2-Butoxyethanol (111-76-2)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Dimethyl phthalate (131-11-3)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Titanium dioxide (13463-67-7)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

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#### Chromium oxide (Cr2O3) (1308-38-9)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List

#### Ethylene glycol monobutyl ether acetate (112-07-2)

U.S. - New Jersey - Right to Know Hazardous Substance List

#### Ethyl alcohol (64-17-5)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Aluminum (7429-90-5)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Formaldehyde (50-00-0)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Acetone (67-64-1)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Propylene glycol monomethyl ether (107-98-2)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Butane (106-97-8)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### Propane (74-98-6)

- U.S. Massachusetts Right To Know List
- U.S. Minnesota Hazardous Substance List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

#### **SECTION 16: Other information**

#### Full text of H-phrases:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Carc. 1A	Carcinogenicity Category 1A
Carc. 2	Carcinogenicity Category 2
Compressed gas	Gases under pressure Compressed gas
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Gas 1	Flammable gases Category 1
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Repr. 2	Reproductive toxicity Category 2

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Skin Corr. 1A	Skin corrosion/irritation Category 1A	
Skin Irrit. 2	Skin corrosion/irritation Category 2	
Skin Sens. 1	Skin sensitization Category 1	
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
H220	Extremely flammable gas	
H225	Highly flammable liquid and vapor	
H226	Flammable liquid and vapor	
H227	Combustible liquid	
H280	Contains gas under pressure; may explode if heated	
H302	Harmful if swallowed	
H311	Toxic in contact with skin	
H312	Harmful in contact with skin	
H314	Causes severe skin burns and eye damage	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H336	May cause drowsiness or dizziness	
H350	May cause cancer	
H351	Suspected of causing cancer	
H361	Suspected of damaging fertility or the unborn child	
H373	May cause damage to organs through prolonged or repeated	
	exposure	
H412	Harmful to aquatic life with long lasting effects	

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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