

SECTION 1: Identification

1.1. Product identifier

Product form : Mixtures
 Product name : 4:1 BLACK HIGH BUILD DTM URETHANE
 Product code : 83614A
 Product group : Trade product

1.2. Recommended use and restrictions on use

Recommended use : Coatings and paints, thinners, paint removers

1.3. Supplier

Cloverdale Paint Inc.
 400- 2630 Croydon Drive
 V3Z 6T3 Surrey - CANADA
 T 1-(604)-596-6261
btinsley@cloverdalepaint.com - www.cloverdalepaint.com

1.4. Emergency telephone number

Emergency number : CANUTEC 24 hr. Emergency Number (613) 996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-CA)

Flammable liquids Category 2 H225
 Specific target organ toxicity (single exposure) Category 3 H336
 Specific target organ toxicity (repeated exposure) Category 2 H373
 Hazardous to the aquatic environment - Acute Hazard Category 2 H401
 Hazardous to the aquatic environment - Chronic Hazard Category 3 H412

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-CA labeling

Hazard pictograms (GHS-CA) :



GHS02

GHS07

GHS08

Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H225 - Highly flammable liquid and vapor
 H336 - May cause drowsiness or dizziness
 H373 - May cause damage to organs (kidneys, liver, lungs) through prolonged or repeated exposure (Dermal, Inhalation, oral)
 H401 - Toxic to aquatic life
 H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-CA) : 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, lighting, ventilating equipment
 P242 - Use only non-sparking tools
 P260 - Do not breathe mist, spray, vapors

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P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear eye protection, protective clothing, protective gloves
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water water
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P314 - Get medical advice/attention if you feel unwell
P370+P378 - In case of fire: Use carbon dioxide (CO₂), foam, Dry chemical, Water fog. 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 to an approved waste disposal plant

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	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
NON-TOXIC INERT INGREDIENT			30.7	Not classified
N-BUTYL ACETATE - BULK	1-Butyl acetate / Butyl acetate, n- / Normal butyl acetate / Butyl acetate / BUTYL ACETATE / Acetic acid, n-butyl ester / Acetic acid, butyl ester / Butyl ethanoate	(CAS-No.) 123-86-4	12.9	Flam. Liq. 2, H225 STOT SE 3, H336
METHYL ACETATE - HIGH PURITY	Acetate, methyl / Acetic acid, methyl ester / Methyl ethanoate / METHYL ACETATE	(CAS-No.) 79-20-9	10.2	Flam. Liq. 2, H225 STOT SE 3, H336
STYRENE-ALLYL ALCOHOL COPOLYMER	Polymer, styrene-allyl alcohol / Styrene/allyl alcohol copolymer / Styrene-allyl alcohol copolymer	(CAS-No.) 25119-62-4	8.1	Not classified
M.A.K.	n-Amyl methyl ketone / Amyl methyl ketone / Heptan-2-one / 2-Heptanone / Methyl amyl ketone / Methyl pentyl ketone / Heptanone, 2- / Methyl n-pentyl ketone	(CAS-No.) 110-43-0	8.1	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332
UREA/ALDEHYDE RESIN			6.3	Not classified
PURE XYLENE	Benzene, dimethyl- / Dimethylbenzene (mixed isomers) / Xylene / Xylene (all isomers) / Xylene (mixed isomers) / Xylene (o-, m-, p- isomers) / Xylenes / Xylenes (mixed isomers) / Dimethylbenzene / Xylol / Benzene, dimethyl-, mixed isomers / Xylenes (all isomers) / XYLENE / Dimethylbenzenes / Xylene isomers mixture / Xylenes (o-, m-, p-isomers) / Dimethylbenzene (2-, 3-, 4-isomers) / Dimethylbenzene (mixed 2-, 3-, 4-isomers) / Xylenes (ortho-, meta-, para- isomers) / C8 Disubstituted benzenes	(CAS-No.) 1330-20-7	4.2	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Aquatic Acute 1, H400
ALUMINUM SILICATE CLAY	CI 77004 / Aluminium silicate / KAOLIN / Kaolin (A clay that is essentially kaolinite, a hydrated aluminum silicate. It has a high fusion point and is the most refractory of all clays.) / KaC751:D756	(CAS-No.) 1332-58-7	2.8	Not classified

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
Propylene glycol monomethyl ether acetate	Acetate, 1-methoxy-2-propyl / Acetic acid, 2-methoxy-1-methylethyl ester / 2-Methoxy-1-methylethyl acetate / 1-Methoxy-2-acetoxypropane / 1-Methoxy-2-propanol acetate / 1-Methoxypropyl-2-acetate / 2-Propanol, 1-methoxy-, acetate / Propylene glycol methyl ether acetate / 1-Methoxypropylacetate / 1-Methoxy-2-propyl acetate / Methoxyisopropyl acetate / 1-Methoxypropyl acetate / 2-Propanol, 1-methoxy-, 2-acetate / 2-Acetic acid methoxy-1-methylethyl ester / METHOXYISOPROPYL ACETATE / Propylene glycol methyl ether acetate, .alpha.-isomer / PGMEA / 1-Methoxypropan-2-yl acetate / Acetic acid, 2-methoxyisopropyl ester / 1-Methoxypropan-2-ol acetate	(CAS-No.) 108-65-6	2.6	Flam. Liq. 3, H226
2,4-PENTANEDIONE	Acetoacetone / Acetone, acetyl- / Acetyl 2-propanone / Acetyl acetone / Acetylacetone / Diacetylmethane / Pentane-2,4-dione / Pentan-2,4-dione / 2,4-Pentandione / Pentadione, 2,4-	(CAS-No.) 123-54-6	2.5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312
Barium dinonylnaphthalenesulfonate	Barium bis(dinonylnaphthalenesulphonate) / Naphthalenesulfonic acid, dinonyl-, barium salt / Naphthalenesulfonic acid, dinonyl-, barium salt (2:1) / Barium bis(dinonylnaphthalenesulfonate)	(CAS-No.) 25619-56-1	1.9	Acute Tox. 4 (Oral), H302
2-Propanol, 1-propoxy-	Heptanol, 4-oxa- / 1-Propoxy-2-propanol / 1-Propoxypropan-2-ol / Propylene glycol propyl ether / Propylene glycol monopropyl ether / Propyl propasol / PROPYLENE GLYCOL PROPYL ETHER / 1,2-Propylene glycol 1-propyl ether / 1,2-Propylene glycol n-propyl ether	(CAS-No.) 1569-01-3	1.9	Not classified
ETHYLBENZENE	Benzene, ethyl- / Phenylethane	(CAS-No.) 100-41-4	1.8	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 STOT RE 2, H373 Asp. Tox. 1, H304
CARBON BLACK PIGMENT	C.I. 77266 / C.I. Pigment Black 6 / C.I. Pigment Black 7 / Carbon blacks / Lampblack / Cl 77266 / Vegetable carbon / Microjet Black CW / Pigment Black 7 / Coal soot / Coal soots / Channel black / Bonjet Black CW	(CAS-No.) 1333-86-4	1.6	Not classified
DEFOAMER			1	Not classified
CALCIUM PHOSPHOSILICATE			0.8	Not classified
EEP (2-ETHOXYETHYL PROPIONATE)	Ethyl 3-ethoxypropionate / Propionate, 3-ethoxy-, ethyl / Propionic acid, 3-ethoxy-, ethyl ester / Propanoic acid, 3-ethoxy-, ethyl ester / EEP solvent / 3-Ethoxypropionic acid, ethyl ester / Ethyl .beta.-ethoxypropionate	(CAS-No.) 763-69-9	0.8	Flam. Liq. 3, H226
Trizinc diphosphate	Phosphoric acid, zinc salt (2:3) / Trizinc bis(orthophosphate) / Zinc orthophosphate / Zinc phosphate / Zinc orthophosphate Zn3(PO4)2 / Zinc phosphate (3:2) / Phosphoric acid, zinc salt / Phosphoric acid, zinc salt(2:3) / Zinc dihydrophosphate (two substituted) / Zinc monophosphate / Zinc dihydrophosphate (monosubstituted)	(CAS-No.) 7779-90-0	0.3	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
BIS SEBACATE	Decanedioic acid, bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester / Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester / Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate / Bis(1,2,2,6,6-pentamethyl-4-piperidiny) sebacate / Bis(1,2,2,6,6-pentamethyl-4-piperidiny) decanedioate	(CAS-No.) 41556-26-7	0.2	Flam. Liq. 4, H227 Aquatic Acute 1, H400

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Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS-CA)
ZINC OXIDE	Zinc oxide / C.I. 77947 / C.I. Pigment White 4 / Zinc White / CI 77947 / Pigment White 4 / ZINC OXIDE	(CAS-No.) 1314-13-2	0.2	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
GLYCOL ETHER DPM	(2-Methoxymethylethoxy)propanol / Propanol, (2-methoxymethylethoxy)- / Propanol, 1(or 2)-(2-methoxymethylethoxy)- / Dipropylene glycol methyl ether / DPGME / 2-(Methoxymethylethoxy)propanol / PPG-2 METHYL ETHER / (2-Methoxymethylethoxy)propanol (mixed isomers) / 1-(2-Methoxymethylethoxy)propan-2-ol / Methoxypropoxypropanol / 2-(2-Methoxypropoxy)-1-propanol / 2-(2-Methoxypropoxy)-propanol / Propanol,1(or 2)-(2-methoxymethylethoxy)-	(CAS-No.) 34590-94-8	0.2	Not classified
POLY ALPHA OMEGA OXOPROPOXY		(CAS-No.) 104810-47-1	0.1	Not classified
POLY ALPHA OMEGA HYDROXY		(CAS-No.) 104810-48-2	0.1	Not classified
VEHICLE NON-REPORTABLE			0.1	Not classified
METHANOL	Carbinol / Methyl hydroxide / Wood alcohol / METHYL ALCOHOL	(CAS-No.) 67-56-1	0.1	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:vapour), H331 STOT SE 1, H370
SOLVENT NAPHTHA, LIGHT AROMATIC	Solvent naphtha (petroleum), light aromatic / Light aromatic solvent naphtha / Aromatic 100 / Solvent naphtha, petroleum, light aromatic-low boiling point hydrogen treated naphtha / Light aromatic solvent naphtha (petroleum) (C8-10) / Solvent naphtha, petroleum, light aromatic (A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C8-10 and boiling in the range of approximately 135-210°C.) / Aromatic naphtha, type I / Solvent naphtha (petroleum), light aromatic, hydrotreated	(CAS-No.) 64742-95-6	0.1 - 0.1	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
PURE ETHANOL	Methylcarbinol / Ethanol / ALCOHOL / Alcohol anhydrous / Alcohol	(CAS-No.) 64-17-5	0.1	Flam. Liq. 2, H225
POLYETHYLENE BRANCHED NONYLPHENYL ETHER	Nonylphenol, branched, ethoxylated / Branched-nonylphenol ethoxylate / Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched / Polyoxyethylene branched-C9-alkylphenol / SDA 23-099-00 / Polyethylene glycol nonylphenyl ether, branched / 2-[2-[4-(2,4,5-Trimethylhexan-3-yl)phenoxy]polyethoxy]ethanol / .alpha.-(Nonylphenyl)-.omega.-hydroxy poly(oxy-1,2-ethanediyl), branched	(CAS-No.) 68412-54-4	0.1	Skin Irrit. 2, H315
POLYMETHYLALKYLSILOXANE			0.1	Not classified
METHYL PIPERIDINYL SEBACATE	Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate / Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidinyl) ester	(CAS-No.) 82919-37-7	0	Not classified

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DIBUTYLTIN DILAURATE	Bis(lauroyloxy)di(n-butyl)stannane / Dibutylbis(lauroyloxy)tin / Dibutyltin didodecanoate / Dibutyltin laurate / Stabilizer D-22 / Stannane, bis(dodecanoyloxy) di-n-butyl- / Stannane, bis(lauroyloxy)dibutyl- / Stannane, dibutylbis(lauroyloxy)- / Stannane, dibutylbis[(1-oxododecyl)oxy]- / Tin dibutyl dilaurate / Tin dilaurate, dibutyl / Tin, di-n-butyl-, di(dodecanoate) / Ditin butyl dilaurate / Tin, dibutylbis(lauroyloxy)- / TN 12 (catalyst) / Dibutylbis [(1-oxododecyl)oxy]-stannane / Dodecanoic acid, 1,1'-(dibutylstannylene) ester / Dibutyltin didodecylate / Dibutylbis((1-oxododecyl)oxy)stannane	(CAS-No.) 77-58-7	0	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Chronic 1, H410
FLOURINATED URETHANE GLYCOL			0	Not classified
TETRAMETHYL DECYNE DIOL	Dec-5-yne-4,7-diol, 2,4,7,9-tetramethyl- / 2,4,7,9-Tetramethyl-5-decyne-4,7-diol / 2,4,7,9-Tetramethyldec-5-yne-4,7-diol / TETRAMETHYL DECYNEDIOL / Surfynol 104H surfactant / 2,4,7,9-Tetramethyl-4,7-decanediol	(CAS-No.) 126-86-3	0	Not classified
QUARTZ	Quartz (SiO ₂) / Silica, crystalline - quartz / Silica, crystalline, quartz / Crystalline silica, quartz / .alpha.-Quartz / Silica, crystalline, .alpha.-quartz / QUARTZ / Crystalline silica in the form of quartz / Quartz, silica / Quartz (respirable fraction)	(CAS-No.) 14808-60-7	0	Not classified
DIISOBUTYL KETONE	2,6-Dimethyl-4-heptanone / 2,6-Dimethylheptan-4-one / Heptan-4-one, 2,6-dimethyl- / 4-Heptanone, 2,6-dimethyl-	(CAS-No.) 108-83-8	0	Flam. Liq. 3, H226 STOT SE 3, H335
GLYCOL ETHER EB	2-Butoxy-1-ethanol / Butoxyethanol / Ethanol, 2-butoxy- / Ethylene glycol monobutyl ether / Ethylene glycol n-butyl ether / Hydroxyethyl butyl ether / Ethylene glycol butyl ether / 2-Butoxyethan-1-ol / Ethylene glycol mono-n-butyl ether / 2-n-Butoxyethanol / Butyl glycol / BUTOXYETHANOL / EGBE / EGMBE / Butoxyethanol, 2- / Butyl Cellosolve	(CAS-No.) 111-76-2	0	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Dermal), H310 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315
Octamethylcyclotetrasiloxane	Cyclotetrasiloxane, octamethyl- / Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl- / CYCLOMETHICONE / D4 / CYCLOTETRASILOXANE	(CAS-No.) 556-67-2	0	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Aquatic Chronic 4, H413

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

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.
First-aid measures general	: IF exposed or concerned: Get medical advice/attention.

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

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause headache and dizziness.
Symptoms/effects after skin contact	: May cause moderate irritation. Repeated or prolonged contact may cause sensitization of the skin (dermatitis, reddening,...).
Symptoms/effects after eye contact	: May cause severe irritation.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

4.3. Immediate medical attention and special treatment, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Dry chemical. Water fog. Foam. Carbon dioxide.

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Fire hazard : Highly flammable liquid and vapor.
Explosion hazard : May form flammable/explosive vapor-air mixture.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Eliminate all ignition sources if safe to do so. Evacuate area. Exercise caution when fighting any chemical fire. Use extinguishing agent suitable for surrounding fire. Use water spray or fog for cooling exposed containers. Wear personal protective equipment.
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

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Avoid inhalation of vapor and spray mist. Eliminate every possible source of ignition. Evacuate area. Ground and bond container and receiving equipment. Ventilate area. Wear personal protective equipment. Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel).

6.2. Methods and materials for containment and cleaning up

For containment : Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect spillage. Dispose of contaminated materials in accordance with current regulations.
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.

6.3. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : 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 vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe mist, spray, vapors. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed : Avoid breathing dust, mist or spray. Avoid contact with skin and eyes. Ensure good ventilation of the work station. Ground and bond container and receiving equipment. Handle carefully.

7.2. 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.
Incompatible products : Oxidizing agent. Strong bases. strong acids.
Incompatible materials : Halogens. Reducing agents. Water.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CALCIUM PHOSPHOSILICATE		
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ INHALABLE DUST
CARBON BLACK PIGMENT (1333-86-4)		
USA - ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³ (inhalable particulate matter)
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	3.5 mg/m ³
Canada (Quebec)	VEMP (mg/m ³)	3.5 mg/m ³
Alberta	OEL TWA (mg/m ³)	3.5 mg/m ³

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CARBON BLACK PIGMENT (1333-86-4)		
British Columbia	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable)
Manitoba	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	3.5 mg/m ³
New Foundland & Labrador	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable particulate matter)
Nunavut	OEL STEL (mg/m ³)	7 mg/m ³
Nunavut	OEL TWA (mg/m ³)	3.5 mg/m ³
Northwest Territories	OEL STEL (mg/m ³)	7 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	3.5 mg/m ³
Ontario	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable)
Prince Edward Island	OEL TWA (mg/m ³)	3 mg/m ³ (inhalable particulate matter)
Saskatchewan	OEL STEL (mg/m ³)	7 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	3.5 mg/m ³
Yukon	OEL STEL (mg/m ³)	7 mg/m ³
Yukon	OEL TWA (mg/m ³)	3.5 mg/m ³
ALUMINUM SILICATE CLAY (1332-58-7)		
USA - ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Canada (Quebec)	VEMP (mg/m ³)	5 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Alberta	OEL TWA (mg/m ³)	2 mg/m ³ (respirable)
British Columbia	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)
Manitoba	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
New Foundland & Labrador	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)
Nova Scotia	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate matter)
Nunavut	OEL STEL (mg/m ³)	4 mg/m ³ (respirable fraction)
Nunavut	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Northwest Territories	OEL STEL (mg/m ³)	4 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Ontario	OEL TWA (mg/m ³)	2 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable)
Prince Edward Island	OEL TWA (mg/m ³)	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate matter)
Saskatchewan	OEL STEL (mg/m ³)	4 mg/m ³ (respirable fraction)
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	30 mppcf
N-BUTYL ACETATE - BULK (123-86-4)		
USA - ACGIH	ACGIH TWA (ppm)	150 ppm
USA - ACGIH	ACGIH STEL (ppm)	200 ppm
USA - ACGIH	Remark (ACGIH)	Eye & URT irr
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	710 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	150 ppm

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N-BUTYL ACETATE - BULK (123-86-4)		
Canada (Quebec)	VECD (mg/m ³)	950 mg/m ³
Canada (Quebec)	VECD (ppm)	200 ppm
Canada (Quebec)	VEMP (mg/m ³)	713 mg/m ³
Canada (Quebec)	VEMP (ppm)	150 ppm
Alberta	OEL STEL (mg/m ³)	950 mg/m ³
Alberta	OEL STEL (ppm)	200 ppm
Alberta	OEL TWA (mg/m ³)	713 mg/m ³
Alberta	OEL TWA (ppm)	150 ppm
British Columbia	OEL TWA (ppm)	20 ppm
Manitoba	OEL STEL (ppm)	150 ppm
Manitoba	OEL TWA (ppm)	50 ppm
New Brunswick	OEL STEL (mg/m ³)	950 mg/m ³
New Brunswick	OEL STEL (ppm)	200 ppm
New Brunswick	OEL TWA (mg/m ³)	713 mg/m ³
New Brunswick	OEL TWA (ppm)	150 ppm
New Foundland & Labrador	OEL STEL (ppm)	150 ppm
New Foundland & Labrador	OEL TWA (ppm)	50 ppm
Nova Scotia	OEL STEL (ppm)	150 ppm
Nova Scotia	OEL TWA (ppm)	50 ppm
Nunavut	OEL STEL (ppm)	200 ppm
Nunavut	OEL TWA (ppm)	150 ppm
Northwest Territories	OEL STEL (ppm)	200 ppm
Northwest Territories	OEL TWA (ppm)	150 ppm
Ontario	OEL STEL (ppm)	200 ppm
Ontario	OEL TWA (ppm)	150 ppm
Prince Edward Island	OEL STEL (ppm)	150 ppm
Prince Edward Island	OEL TWA (ppm)	50 ppm
Saskatchewan	OEL STEL (ppm)	200 ppm
Saskatchewan	OEL TWA (ppm)	150 ppm
Yukon	OEL STEL (mg/m ³)	950 mg/m ³
Yukon	OEL STEL (ppm)	200 ppm
Yukon	OEL TWA (mg/m ³)	710 mg/m ³
Yukon	OEL TWA (ppm)	150 ppm
METHYL ACETATE - HIGH PURITY (79-20-9)		
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	250 ppm
USA - ACGIH	Remark (ACGIH)	eye & URT irr
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	610 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	200 ppm
Canada (Quebec)	VECD (mg/m ³)	757 mg/m ³
Canada (Quebec)	VECD (ppm)	250 ppm
Canada (Quebec)	VEMP (mg/m ³)	606 mg/m ³
Canada (Quebec)	VEMP (ppm)	200 ppm
Alberta	OEL STEL (mg/m ³)	757 mg/m ³
Alberta	OEL STEL (ppm)	250 ppm
Alberta	OEL TWA (mg/m ³)	606 mg/m ³
Alberta	OEL TWA (ppm)	200 ppm
British Columbia	OEL STEL (ppm)	250 ppm
British Columbia	OEL TWA (ppm)	200 ppm
Manitoba	OEL STEL (ppm)	250 ppm
Manitoba	OEL TWA (ppm)	200 ppm

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METHYL ACETATE - HIGH PURITY (79-20-9)		
New Brunswick	OEL STEL (mg/m ³)	757 mg/m ³
New Brunswick	OEL STEL (ppm)	250 ppm
New Brunswick	OEL TWA (mg/m ³)	606 mg/m ³
New Brunswick	OEL TWA (ppm)	200 ppm
New Foundland & Labrador	OEL STEL (ppm)	250 ppm
New Foundland & Labrador	OEL TWA (ppm)	200 ppm
Nova Scotia	OEL STEL (ppm)	250 ppm
Nova Scotia	OEL TWA (ppm)	200 ppm
Nunavut	OEL STEL (ppm)	250 ppm
Nunavut	OEL TWA (ppm)	200 ppm
Northwest Territories	OEL STEL (ppm)	250 ppm
Northwest Territories	OEL TWA (ppm)	200 ppm
Ontario	OEL STEL (ppm)	250 ppm
Ontario	OEL TWA (ppm)	200 ppm
Prince Edward Island	OEL STEL (ppm)	250 ppm
Prince Edward Island	OEL TWA (ppm)	200 ppm
Saskatchewan	OEL STEL (ppm)	250 ppm
Saskatchewan	OEL TWA (ppm)	200 ppm
Yukon	OEL STEL (mg/m ³)	760 mg/m ³
Yukon	OEL STEL (ppm)	250 ppm
Yukon	OEL TWA (mg/m ³)	610 mg/m ³
Yukon	OEL TWA (ppm)	200 ppm
GLYCOL ETHER DPM (34590-94-8)		
USA - ACGIH	ACGIH TWA (ppm)	100 ppm
USA - ACGIH	ACGIH STEL (ppm)	150 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	600 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA - OSHA	Limit value category (OSHA)	prevent or reduce skin absorption
Canada (Quebec)	VECD (mg/m ³)	909 mg/m ³
Canada (Quebec)	VECD (ppm)	150 ppm
Canada (Quebec)	VEMP (mg/m ³)	606 mg/m ³
Canada (Quebec)	VEMP (ppm)	100 ppm
Alberta	OEL STEL (mg/m ³)	909 mg/m ³
Alberta	OEL STEL (ppm)	150 ppm
Alberta	OEL TWA (mg/m ³)	606 mg/m ³
Alberta	OEL TWA (ppm)	100 ppm
British Columbia	OEL STEL (ppm)	150 ppm
British Columbia	OEL TWA (ppm)	100 ppm
Manitoba	OEL STEL (ppm)	150 ppm
Manitoba	OEL TWA (ppm)	100 ppm
New Brunswick	OEL STEL (mg/m ³)	909 mg/m ³
New Brunswick	OEL STEL (ppm)	150 ppm
New Brunswick	OEL TWA (mg/m ³)	606 mg/m ³
New Brunswick	OEL TWA (ppm)	100 ppm
New Foundland & Labrador	OEL STEL (ppm)	150 ppm
New Foundland & Labrador	OEL TWA (ppm)	100 ppm
Nova Scotia	OEL STEL (ppm)	150 ppm
Nova Scotia	OEL TWA (ppm)	100 ppm
Nunavut	OEL STEL (ppm)	150 ppm

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GLYCOL ETHER DPM (34590-94-8)		
Nunavut	OEL TWA (ppm)	100 ppm
Northwest Territories	OEL STEL (ppm)	150 ppm
Northwest Territories	OEL TWA (ppm)	100 ppm
Ontario	OEL STEL (ppm)	150 ppm
Ontario	OEL TWA (ppm)	100 ppm
Prince Edward Island	OEL STEL (ppm)	150 ppm
Prince Edward Island	OEL TWA (ppm)	100 ppm
Saskatchewan	OEL STEL (ppm)	150 ppm
Saskatchewan	OEL TWA (ppm)	100 ppm
QUARTZ (14808-60-7)		
USA - ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	50 µg/m ³
Canada (Quebec)	VEMP (mg/m ³)	0.1 mg/m ³ (respirable dust)
Alberta	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate)
British Columbia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable)
Manitoba	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	0.1 mg/m ³ (respirable fraction)
New Foundland & Labrador	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Nunavut	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Ontario	OEL TWA (mg/m ³)	0.1 mg/m ³ (designated substances regulation-respirable)
Prince Edward Island	OEL TWA (mg/m ³)	0.025 mg/m ³ (respirable particulate matter)
Saskatchewan	OEL TWA (mg/m ³)	0.05 mg/m ³ (respirable fraction)
Yukon	OEL TWA (mg/m ³)	300 particle/mL
ETHYLBENZENE (100-41-4)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Canada (Quebec)	VECD (mg/m ³)	543 mg/m ³
Canada (Quebec)	VECD (ppm)	125 ppm
Canada (Quebec)	VEMP (mg/m ³)	434 mg/m ³
Canada (Quebec)	VEMP (ppm)	100 ppm
Alberta	OEL STEL (mg/m ³)	543 mg/m ³
Alberta	OEL STEL (ppm)	125 ppm
Alberta	OEL TWA (mg/m ³)	434 mg/m ³
Alberta	OEL TWA (ppm)	100 ppm
British Columbia	OEL TWA (ppm)	20 ppm
Manitoba	OEL TWA (ppm)	20 ppm
New Brunswick	OEL STEL (mg/m ³)	543 mg/m ³
New Brunswick	OEL STEL (ppm)	125 ppm
New Brunswick	OEL TWA (mg/m ³)	434 mg/m ³
New Brunswick	OEL TWA (ppm)	100 ppm
New Foundland & Labrador	OEL TWA (ppm)	20 ppm
Nova Scotia	OEL TWA (ppm)	20 ppm
Nunavut	OEL STEL (ppm)	125 ppm
Nunavut	OEL TWA (ppm)	100 ppm
Northwest Territories	OEL STEL (ppm)	125 ppm
Northwest Territories	OEL TWA (ppm)	100 ppm

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ETHYLBENZENE (100-41-4)		
Ontario	OEL TWA (ppm)	20 ppm
Prince Edward Island	OEL TWA (ppm)	20 ppm
Saskatchewan	OEL STEL (ppm)	125 ppm
Saskatchewan	OEL TWA (ppm)	100 ppm
Yukon	OEL STEL (mg/m ³)	545 mg/m ³
Yukon	OEL STEL (ppm)	125 ppm
Yukon	OEL TWA (mg/m ³)	435 mg/m ³
Yukon	OEL TWA (ppm)	100 ppm
PURE XYLENE (1330-20-7)		
USA - ACGIH	ACGIH TWA (ppm)	100 ppm
USA - ACGIH	ACGIH STEL (ppm)	150 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Canada (Quebec)	VECD (mg/m ³)	651 mg/m ³
Canada (Quebec)	VECD (ppm)	150 ppm
Canada (Quebec)	VEMP (mg/m ³)	434 mg/m ³
Canada (Quebec)	VEMP (ppm)	100 ppm
Alberta	OEL STEL (mg/m ³)	651 mg/m ³
Alberta	OEL STEL (ppm)	150 ppm
Alberta	OEL TWA (mg/m ³)	434 mg/m ³
Alberta	OEL TWA (ppm)	100 ppm
British Columbia	OEL STEL (ppm)	150 ppm
British Columbia	OEL TWA (ppm)	100 ppm
Manitoba	OEL STEL (ppm)	150 ppm
Manitoba	OEL TWA (ppm)	100 ppm
New Brunswick	OEL STEL (mg/m ³)	651 mg/m ³
New Brunswick	OEL STEL (ppm)	150 ppm
New Brunswick	OEL TWA (mg/m ³)	434 mg/m ³
New Brunswick	OEL TWA (ppm)	100 ppm
New Foundland & Labrador	OEL STEL (ppm)	150 ppm
New Foundland & Labrador	OEL TWA (ppm)	100 ppm
Nova Scotia	OEL STEL (ppm)	150 ppm
Nova Scotia	OEL TWA (ppm)	100 ppm
Nunavut	OEL STEL (ppm)	150 ppm
Nunavut	OEL TWA (ppm)	100 ppm
Northwest Territories	OEL STEL (ppm)	150 ppm
Northwest Territories	OEL TWA (ppm)	100 ppm
Ontario	OEL STEL (ppm)	150 ppm
Ontario	OEL TWA (ppm)	100 ppm
Prince Edward Island	OEL STEL (ppm)	150 ppm
Prince Edward Island	OEL TWA (ppm)	100 ppm
Saskatchewan	OEL STEL (ppm)	150 ppm
Saskatchewan	OEL TWA (ppm)	100 ppm
Yukon	OEL STEL (mg/m ³)	650 mg/m ³
Yukon	OEL STEL (ppm)	150 ppm
Yukon	OEL TWA (mg/m ³)	435 mg/m ³
Yukon	OEL TWA (ppm)	100 ppm
Propylene glycol monomethyl ether acetate (108-65-6)		
British Columbia	OEL STEL (ppm)	75 ppm
British Columbia	OEL TWA (ppm)	50 ppm

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Propylene glycol monomethyl ether acetate (108-65-6)		
Ontario	OEL TWA (mg/m ³)	270 mg/m ³
Ontario	OEL TWA (ppm)	50 ppm
EEP (2-ETHOXYETHYL PROPIONATE) (763-69-9)		
Ontario	OEL TWA (mg/m ³)	300 mg/m ³
Ontario	OEL TWA (ppm)	50 ppm
ZINC OXIDE (1314-13-2)		
USA - ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³ (respirable particulate matter)
USA - ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³ (respirable particulate matter)
USA - ACGIH	Remark (ACGIH)	Metal fume fever
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ (fume) 15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Canada (Quebec)	VECD (mg/m ³)	10 mg/m ³ (fume)
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
Alberta	OEL STEL (mg/m ³)	10 mg/m ³ (respirable)
Alberta	OEL TWA (mg/m ³)	2 mg/m ³ (respirable)
British Columbia	OEL STEL (mg/m ³)	10 mg/m ³ (respirable)
British Columbia	OEL TWA (mg/m ³)	2 mg/m ³ (respirable)
Manitoba	OEL STEL (mg/m ³)	10 mg/m ³ (respirable particulate matter)
Manitoba	OEL TWA (mg/m ³)	2 mg/m ³ (respirable particulate matter)
New Brunswick	OEL STEL (mg/m ³)	10 mg/m ³ (fume)
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, dust)
New Foundland & Labrador	OEL STEL (mg/m ³)	10 mg/m ³ (respirable particulate matter)
New Foundland & Labrador	OEL TWA (mg/m ³)	2 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL STEL (mg/m ³)	10 mg/m ³ (respirable particulate matter)
Nova Scotia	OEL TWA (mg/m ³)	2 mg/m ³ (respirable particulate matter)
Nunavut	OEL STEL (mg/m ³)	10 mg/m ³ (dust and fume; respirable fraction)
Nunavut	OEL TWA (mg/m ³)	2 mg/m ³ (dust and fume; respirable fraction)
Northwest Territories	OEL STEL (mg/m ³)	10 mg/m ³ (dust and fume; respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	2 mg/m ³ (dust and fume; respirable fraction)
Ontario	OEL STEL (mg/m ³)	10 mg/m ³ (respirable)
Ontario	OEL TWA (mg/m ³)	2 mg/m ³ (respirable)
Prince Edward Island	OEL STEL (mg/m ³)	10 mg/m ³ (respirable particulate matter)
Prince Edward Island	OEL TWA (mg/m ³)	2 mg/m ³ (respirable particulate matter)
Saskatchewan	OEL STEL (mg/m ³)	10 mg/m ³ (dust and fume, respirable fraction)
Saskatchewan	OEL TWA (mg/m ³)	2 mg/m ³ (dust and fume, respirable fraction)
Yukon	OEL STEL (mg/m ³)	10 mg/m ³ (fume)
Yukon	OEL TWA (mg/m ³)	5 mg/m ³ (fume)
GLYCOL ETHER EB (111-76-2)		
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	50 ppm
USA - OSHA	Limit value category (OSHA)	prevent or reduce skin absorption
Canada (Quebec)	VEMP (mg/m ³)	97 mg/m ³
Canada (Quebec)	VEMP (ppm)	20 ppm
Alberta	OEL TWA (mg/m ³)	97 mg/m ³
Alberta	OEL TWA (ppm)	20 ppm
British Columbia	OEL TWA (ppm)	20 ppm

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GLYCOL ETHER EB (111-76-2)		
Manitoba	OEL TWA (ppm)	20 ppm
New Brunswick	OEL TWA (mg/m ³)	121 mg/m ³
New Brunswick	OEL TWA (ppm)	25 ppm
New Foundland & Labrador	OEL TWA (ppm)	20 ppm
Nova Scotia	OEL TWA (ppm)	20 ppm
Nunavut	OEL STEL (ppm)	30 ppm
Nunavut	OEL TWA (ppm)	20 ppm
Northwest Territories	OEL STEL (ppm)	30 ppm
Northwest Territories	OEL TWA (ppm)	20 ppm
Ontario	OEL TWA (ppm)	20 ppm
Prince Edward Island	OEL TWA (ppm)	20 ppm
Saskatchewan	OEL STEL (ppm)	30 ppm
Saskatchewan	OEL TWA (ppm)	20 ppm
Yukon	OEL STEL (mg/m ³)	720 mg/m ³
Yukon	OEL STEL (ppm)	150 ppm
Yukon	OEL TWA (mg/m ³)	240 mg/m ³
Yukon	OEL TWA (ppm)	50 ppm
2,4-PENTANEDIONE (123-54-6)		
USA - ACGIH	ACGIH TWA (ppm)	25 ppm
USA - ACGIH	Remark (ACGIH)	Neurotoxicity; CNS impair
Manitoba	OEL TWA (ppm)	25 ppm
New Foundland & Labrador	OEL TWA (ppm)	25 ppm
Nova Scotia	OEL TWA (ppm)	25 ppm
Ontario	OEL TWA (ppm)	25 ppm
Prince Edward Island	OEL TWA (ppm)	25 ppm
DIBUTYLTIN DILAUATE (77-58-7)		
Canada (Quebec)	VECD (mg/m ³)	0.1 mg/m ³ DIBUTYLTIN DILAUATE
Canada (Quebec)	VEMP (mg/m ³)	0.2 mg/m ³ DIBUTYLTIN DILAUATE
METHANOL (67-56-1)		
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	250 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	200 ppm
Canada (Quebec)	VECD (mg/m ³)	328 mg/m ³
Canada (Quebec)	VECD (ppm)	250 ppm
Canada (Quebec)	VEMP (mg/m ³)	262 mg/m ³
Canada (Quebec)	VEMP (ppm)	200 ppm
Alberta	OEL STEL (mg/m ³)	328 mg/m ³
Alberta	OEL STEL (ppm)	250 ppm
Alberta	OEL TWA (mg/m ³)	262 mg/m ³
Alberta	OEL TWA (ppm)	200 ppm
British Columbia	OEL STEL (ppm)	250 ppm
British Columbia	OEL TWA (ppm)	200 ppm
Manitoba	OEL STEL (ppm)	250 ppm
Manitoba	OEL TWA (ppm)	200 ppm
New Brunswick	OEL STEL (mg/m ³)	328 mg/m ³
New Brunswick	OEL STEL (ppm)	250 ppm
New Brunswick	OEL TWA (mg/m ³)	262 mg/m ³
New Brunswick	OEL TWA (ppm)	200 ppm
New Foundland & Labrador	OEL STEL (ppm)	250 ppm

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METHANOL (67-56-1)		
New Foundland & Labrador	OEL TWA (ppm)	200 ppm
Nova Scotia	OEL STEL (ppm)	250 ppm
Nova Scotia	OEL TWA (ppm)	200 ppm
Nunavut	OEL STEL (ppm)	250 ppm
Nunavut	OEL TWA (ppm)	200 ppm
Northwest Territories	OEL STEL (ppm)	250 ppm
Northwest Territories	OEL TWA (ppm)	200 ppm
Ontario	OEL STEL (ppm)	250 ppm
Ontario	OEL TWA (ppm)	200 ppm
Prince Edward Island	OEL STEL (ppm)	250 ppm
Prince Edward Island	OEL TWA (ppm)	200 ppm
Saskatchewan	OEL STEL (ppm)	250 ppm
Saskatchewan	OEL TWA (ppm)	200 ppm
Yukon	OEL STEL (mg/m ³)	310 mg/m ³
Yukon	OEL STEL (ppm)	250 ppm
Yukon	OEL TWA (mg/m ³)	260 mg/m ³
Yukon	OEL TWA (ppm)	200 ppm
PURE ETHANOL (64-17-5)		
USA - ACGIH	ACGIH STEL (ppm)	1000 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
Canada (Quebec)	VEMP (mg/m ³)	1880 mg/m ³
Canada (Quebec)	VEMP (ppm)	1000 ppm
Alberta	OEL TWA (mg/m ³)	1880 mg/m ³
Alberta	OEL TWA (ppm)	1000 ppm
British Columbia	OEL STEL (ppm)	1000 ppm
Manitoba	OEL STEL (ppm)	1000 ppm
New Brunswick	OEL TWA (mg/m ³)	1880 mg/m ³
New Brunswick	OEL TWA (ppm)	1000 ppm
New Foundland & Labrador	OEL STEL (ppm)	1000 ppm
Nova Scotia	OEL STEL (ppm)	1000 ppm
Nunavut	OEL STEL (ppm)	1250 ppm
Nunavut	OEL TWA (ppm)	1000 ppm
Northwest Territories	OEL STEL (ppm)	1250 ppm
Northwest Territories	OEL TWA (ppm)	1000 ppm
Ontario	OEL STEL (ppm)	1000 ppm
Prince Edward Island	OEL STEL (ppm)	1000 ppm
Saskatchewan	OEL STEL (ppm)	1250 ppm
Saskatchewan	OEL TWA (ppm)	1000 ppm
Yukon	OEL STEL (mg/m ³)	1900 mg/m ³
Yukon	OEL STEL (ppm)	1000 ppm
Yukon	OEL TWA (mg/m ³)	1900 mg/m ³
Yukon	OEL TWA (ppm)	1000 ppm
DIISOBUTYL KETONE (108-83-8)		
USA - ACGIH	ACGIH TWA (ppm)	25 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	290 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	50 ppm
Canada (Quebec)	VEMP (mg/m ³)	145 mg/m ³
Canada (Quebec)	VEMP (ppm)	25 ppm
Alberta	OEL TWA (mg/m ³)	145 mg/m ³

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DIISOBUTYL KETONE (108-83-8)		
Alberta	OEL TWA (ppm)	25 ppm
British Columbia	OEL TWA (ppm)	25 ppm
Manitoba	OEL TWA (ppm)	25 ppm
New Brunswick	OEL TWA (mg/m ³)	145 mg/m ³
New Brunswick	OEL TWA (ppm)	25 ppm
New Foundland & Labrador	OEL TWA (ppm)	25 ppm
Nova Scotia	OEL TWA (ppm)	25 ppm
Nunavut	OEL STEL (ppm)	30 ppm
Nunavut	OEL TWA (ppm)	25 ppm
Northwest Territories	OEL STEL (ppm)	30 ppm
Northwest Territories	OEL TWA (ppm)	25 ppm
Ontario	OEL TWA (ppm)	25 ppm
Prince Edward Island	OEL TWA (ppm)	25 ppm
Saskatchewan	OEL STEL (ppm)	30 ppm
Saskatchewan	OEL TWA (ppm)	25 ppm
Yukon	OEL STEL (mg/m ³)	150 mg/m ³
Yukon	OEL STEL (ppm)	25 ppm
Yukon	OEL TWA (mg/m ³)	150 mg/m ³
Yukon	OEL TWA (ppm)	25 ppm

M.A.K. (110-43-0)		
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	465 mg/m ³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
Canada (Quebec)	VEMP (mg/m ³)	233 mg/m ³
Canada (Quebec)	VEMP (ppm)	50 ppm
Alberta	OEL TWA (mg/m ³)	233 mg/m ³
Alberta	OEL TWA (ppm)	50 ppm
British Columbia	OEL TWA (ppm)	50 ppm
Manitoba	OEL TWA (ppm)	50 ppm
New Brunswick	OEL TWA (mg/m ³)	233 mg/m ³
New Brunswick	OEL TWA (ppm)	50 ppm
New Foundland & Labrador	OEL TWA (ppm)	50 ppm
Nova Scotia	OEL TWA (ppm)	50 ppm
Nunavut	OEL STEL (ppm)	60 ppm
Nunavut	OEL TWA (ppm)	50 ppm
Northwest Territories	OEL STEL (ppm)	60 ppm
Northwest Territories	OEL TWA (ppm)	50 ppm
Ontario	OEL TWA (mg/m ³)	115 mg/m ³
Ontario	OEL TWA (ppm)	25 ppm
Prince Edward Island	OEL TWA (ppm)	50 ppm
Saskatchewan	OEL STEL (ppm)	60 ppm
Saskatchewan	OEL TWA (ppm)	50 ppm
Yukon	OEL STEL (mg/m ³)	710 mg/m ³
Yukon	OEL STEL (ppm)	150 ppm
Yukon	OEL TWA (mg/m ³)	465 mg/m ³
Yukon	OEL TWA (ppm)	100 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

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8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. High gas/vapor concentration: gas mask with filter type A. Protective clothing. Safety glasses.

Hand protection:

Protective gloves

Eye protection:

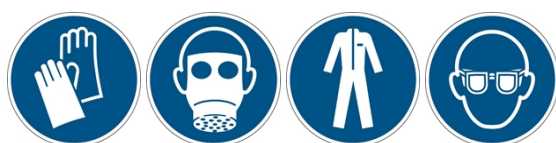
Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available
Color	: Black.
Odor	: aromatic
Odor threshold	: No data available
pH	: 7
Relative evaporation rate (butyl acetate=1)	: > 1
Relative evaporation rate (ether=1)	: No data available
Melting point	: Not applicable
Freezing point	: -40 °C
Boiling point	: 57 - 150 °C
Flash point	: -13 °C TAG CLOSED CUP
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: 173 mm Hg
Vapor pressure at 50 °C	: No data available
Relative vapor density at 20 °C	: > 1
Specific gravity	: 1.015
Solubility	: Water: 10 %
Log Pow	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: LEL: 1 vol % UEL: 36 vol %

9.2. Other information

VOC content : 402 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: Highly flammable liquid and vapor.
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.
Incompatible materials	: acids. alkaline products. Halogens. Oxidizing agent. Reducing agents. water.

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

SECTION 11: Toxicological information

Likely routes of exposure : Dermal. Ingestion. Inhalation.

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

CARBON BLACK PIGMENT (1333-86-4)	
LD50 oral rat	> 15400 mg/kg
ALUMINUM SILICATE CLAY (1332-58-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
N-BUTYL ACETATE - BULK (123-86-4)	
LD50 oral rat	10768 mg/kg
LD50 dermal rabbit	> 17600 mg/kg
LC50 inhalation rat (ppm)	390 ppm/4h
METHYL ACETATE - HIGH PURITY (79-20-9)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 5 g/kg
LC50 inhalation rat (ppm)	16000 ppm/4h
Octamethylcyclotetrasiloxane (556-67-2)	
LD50 oral rat	1540 mg/kg
LD50 dermal rabbit	794 µl/kg
LC50 inhalation rat (mg/l)	36 g/m ³ (Exposure time: 4 h)
GLYCOL ETHER DPM (34590-94-8)	
LD50 oral rat	5400 µl/kg
LD50 dermal rabbit	9500 mg/kg
ETHYLBENZENE (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 inhalation rat (mg/l)	17.4 mg/l/4h
PURE XYLENE (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
Propylene glycol monomethyl ether acetate (108-65-6)	
LD50 oral rat	8532 mg/kg
LD50 dermal rabbit	> 5 g/kg
EEP (2-ETHOXYETHYL PROPIONATE) (763-69-9)	
LD50 oral rat	5 g/kg
LD50 dermal rabbit	> 9500 mg/kg
LC50 inhalation rat (mg/l)	> 5.96 mg/l (Exposure time: 6 h)
Trizinc diphosphate (7779-90-0)	
LD50 oral rat	> 5000 mg/kg
ZINC OXIDE (1314-13-2)	
LD50 oral rat	> 5000 mg/kg
TETRAMETHYL DECYNE DIOL (126-86-3)	
LD50 oral rat	> 500 mg/kg
LD50 dermal rabbit	> 1000 mg/kg
LC50 inhalation rat (mg/l)	> 20 mg/l (Exposure time: 1 h)
GLYCOL ETHER EB (111-76-2)	
LD50 oral rat	470 mg/kg
LD50 dermal rabbit	99 mg/kg

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GLYCOL ETHER EB (111-76-2)	
LC50 inhalation rat (ppm)	450 ppm/4h
2,4-PENTANEDIONE (123-54-6)	
LD50 oral rat	760 mg/kg
LD50 dermal rabbit	1370 mg/kg
LC50 inhalation rat (ppm)	1224 ppm/4h
DIBUTYL TIN DILAURATE (77-58-7)	
LD50 oral rat	45 mg/kg
LD50 dermal rabbit	630 mg/kg
METHANOL (67-56-1)	
LD50 oral rat	6200 mg/kg
LC50 inhalation rat (ppm)	22500 ppm (Exposure time: 8 h)
PURE ETHANOL (64-17-5)	
LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h
DIISOBUTYL KETONE (108-83-8)	
LD50 oral rat	5750 mg/kg
LC50 inhalation rat (ppm)	> 2300 ppm/4h
SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
LD50 oral rat	8400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (ppm)	3400 ppm/4h
BIS SEBACATE (41556-26-7)	
LD50 oral rat	2615 mg/kg
Barium dinonylnaphthalenesulfonate (25619-56-1)	
LD50 oral rat	1750 mg/kg
LD50 dermal rabbit	> 1000 mg/kg
LC50 inhalation rat (mg/l)	> 21 mg/l (Exposure time: 1 h)
2-Propanol, 1-propoxy- (1569-01-3)	
LD50 oral rat	2490 mg/kg
LD50 dermal rabbit	3550 mg/kg
STYRENE-ALLYL ALCOHOL COPOLYMER (25119-62-4)	
LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight
LC50 inhalation rat (Dust/Mist - mg/l/4h)	5.1 mg/l/4h
M.A.K. (110-43-0)	
LD50 oral rat	1600 mg/kg
LD50 dermal rabbit	12.6 ml/kg
LC50 inhalation rat (ppm)	2000 - 4000 ppm (Exposure time: 6 h)
UREA/ALDEHYDE RESIN	
LD50 oral rat	> 5000 mg/kg
Skin corrosion/irritation	: Not classified pH: 7
Serious eye damage/irritation	: Not classified pH: 7
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: May cause drowsiness or dizziness.
Specific target organ toxicity – repeated exposure	: May cause damage to organs (kidneys, liver, lungs) through prolonged or repeated exposure (Dermal, Inhalation, oral).
Aspiration hazard	: Not classified

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

CARBON BLACK PIGMENT (1333-86-4)	
LC50 fish 1	> 1000 mg/l Brachydanio rerio
EC50 Daphnia 1	> 5600 mg/l
ErC50 (algae)	> 10000 mg/l Scenedesmus subspicatus
N-BUTYL ACETATE - BULK (123-86-4)	
LC50 fish 1	100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	17 - 19 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
METHYL ACETATE - HIGH PURITY (79-20-9)	
LC50 fish 1	295 - 348 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	250 - 350 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Daphnia 1	1026.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Octamethylcyclotetrasiloxane (556-67-2)	
LC50 fish 1	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
LC50 fish 2	> 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
GLYCOL ETHER DPM (34590-94-8)	
LC50 fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	1919 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])
LC50 fish 2	4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])
EC50 Daphnia 1	1.8 - 2.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
PURE XYLENE (1330-20-7)	
LC50 fish 1	13.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	2.661 - 4.093 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	3.82 mg/l (Exposure time: 48 h - Species: water flea)
EC50 Daphnia 2	0.6 mg/l (Exposure time: 48 h - Species: Gammarus lacustris)
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)
EEP (2-ETHOXYETHYL PROPIONATE) (763-69-9)	
LC50 fish 1	62 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	970 mg/l (Exposure time: 48 h - Species: Daphnia magna)
GLYCOL ETHER EB (111-76-2)	
LC50 fish 1	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
2,4-PENTANEDIONE (123-54-6)	
LC50 fish 1	98.3 - 110 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	50.3 - 71.8 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 Daphnia 1	34.4 mg/l (Exposure time: 48 h - Species: Daphnia magna)
DIBUTYL TIN DILAURATE (77-58-7)	
EC50 Daphnia 1	< 0.46
METHANOL (67-56-1)	
LC50 fish 1	28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
PURE ETHANOL (64-17-5)	
LC50 fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
DIISOBUTYL KETONE (108-83-8)	
LC50 fish 1	140 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])

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SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)	
LC50 fish 1	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
BIS SEBACATE (41556-26-7)	
LC50 fish 1	0.97 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
M.A.K. (110-43-0)	
LC50 fish 1	126 - 137 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
UREA/ALDEHYDE RESIN	
EC50 Daphnia 1	> 100 mg/l
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
N-BUTYL ACETATE - BULK (123-86-4)	
Log Pow	1.81 (at 23 °C)
METHYL ACETATE - HIGH PURITY (79-20-9)	
Log Pow	0.18
Octamethylcyclotetrasiloxane (556-67-2)	
BCF fish 1	12400
Log Pow	5.1
GLYCOL ETHER DPM (34590-94-8)	
Log Pow	-0.064 (at 20 °C)
ETHYLBENZENE (100-41-4)	
BCF fish 1	15
Log Pow	3.2
PURE XYLENE (1330-20-7)	
BCF fish 1	0.6 - 15
Log Pow	2.77 - 3.15
Propylene glycol monomethyl ether acetate (108-65-6)	
Log Pow	0.43
EEP (2-ETHOXYETHYL PROPIONATE) (763-69-9)	
Log Pow	1.35
GLYCOL ETHER EB (111-76-2)	
Log Pow	0.81 (at 25 °C)
2,4-PENTANEDIONE (123-54-6)	
Log Pow	0.34
METHANOL (67-56-1)	
BCF fish 1	< 10
Log Pow	-0.77
PURE ETHANOL (64-17-5)	
Log Pow	-0.32
BIS SEBACATE (41556-26-7)	
Log Pow	0.37 (at 25 °C)
M.A.K. (110-43-0)	
Log Pow	1.98
12.4. Mobility in soil	
N-BUTYL ACETATE - BULK (123-86-4)	
Log Pow	1.81 (at 23 °C)
METHYL ACETATE - HIGH PURITY (79-20-9)	
Log Pow	0.18
Octamethylcyclotetrasiloxane (556-67-2)	
Log Pow	5.1
GLYCOL ETHER DPM (34590-94-8)	
Log Pow	-0.064 (at 20 °C)

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ETHYLBENZENE (100-41-4)	
Log Pow	3.2
PURE XYLENE (1330-20-7)	
Log Pow	2.77 - 3.15
Propylene glycol monomethyl ether acetate (108-65-6)	
Log Pow	0.43
EEP (2-ETHOXYETHYL PROPIONATE) (763-69-9)	
Log Pow	1.35
GLYCOL ETHER EB (111-76-2)	
Log Pow	0.81 (at 25 °C)
2,4-PENTANEDIONE (123-54-6)	
Log Pow	0.34
METHANOL (67-56-1)	
Log Pow	-0.77
PURE ETHANOL (64-17-5)	
Log Pow	-0.32
BIS SEBACATE (41556-26-7)	
Log Pow	0.37 (at 25 °C)
M.A.K. (110-43-0)	
Log Pow	1.98

12.5. Other adverse effects

GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Avoid release to the environment.
Additional information : Flammable vapors 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 : II - Medium Danger
TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids
Transport document description : UN1263 PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20 per cent nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6 per cent by mass), 3, II
Proper Shipping Name (Transportation of Dangerous Goods) : PAINT
including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20 per cent nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6 per cent by mass
Hazard labels (TDG) : 3 - Flammable liquids



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TDG Special Provisions	: 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20 per cent nitrocellulose if the nitrocellulose contains not more than 12.6 per cent nitrogen (by dry mass). 142 - The following shipping names may be used to meet the requirements of Part 3 (Documentation) and Part 4 (Dangerous Goods Safety Marks) when these dangerous goods are offered for transport in the same means of containment: (a)"PAINT RELATED MATERIAL" may be used for a means of containment containing both paint and paint related material; (b)"PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" may be used for a means of containment containing both paint, corrosive, flammable, and paint related material, corrosive, flammable; (c)"PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d)"PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. SOR/2014-306
Explosive Limit and Limited Quantity Index	: 5 L
Excepted quantities (TDG)	: E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 5 L

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 (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base), 3, III
Proper Shipping Name (DOT)	: Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base
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



Dangerous for the environment	: No
DOT Special Provisions (49 CFR 172.102)	: B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). 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, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T2 - 1.5 178.274(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. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 173
DOT Packaging Bulk (49 CFR 173.xxx)	: 242

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DOT Quantity Limitations Passenger aircraft/rail : 60 L
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

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
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

No additional information available

CARBON BLACK PIGMENT (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

ALUMINUM SILICATE CLAY (1332-58-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

N-BUTYL ACETATE - BULK (123-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

METHYL ACETATE - HIGH PURITY (79-20-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

GLYCOL ETHER DPM (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

QUARTZ (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

ETHYLBENZENE (100-41-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

PURE XYLENE (1330-20-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

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

Listed on the Canadian DSL (Domestic Substances List) inventory.

EEP (2-ETHOXYETHYL PROPIONATE) (763-69-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Trizinc diphosphate (7779-90-0)

Listed on the Canadian DSL (Domestic Substances List) inventory.

ZINC OXIDE (1314-13-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

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TETRAMETHYL DECYNE DIOL (126-86-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

GLYCOL ETHER EB (111-76-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

POLYETHYLENE BRANCHED NONYLPHENYL ETHER (68412-54-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

2,4-PENTANEDIONE (123-54-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

DIBUTYL TIN DILAURATE (77-58-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

METHANOL (67-56-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

PURE ETHANOL (64-17-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

DIISOBUTYL KETONE (108-83-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

BIS SEBACATE (41556-26-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

METHYL PIPERIDINYL SEBACATE (82919-37-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

POLY ALPHA OMEGA OXOPROPOXY (104810-47-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

POLY ALPHA OMEGA HYDROXY (104810-48-2)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Barium dinonylnaphthalenesulfonate (25619-56-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.

2-Propanol, 1-propoxy- (1569-01-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

STYRENE-ALLYL ALCOHOL COPOLYMER (25119-62-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

M.A.K. (110-43-0)

Listed on the Canadian DSL (Domestic Substances List) inventory.

15.2. International regulations

No additional information available

POLYMETHYLALKYLSILOXANE

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

DEFOAMER

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

CARBON BLACK PIGMENT (1333-86-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on European List of Notified Chemical Substances (ELINCS)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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ALUMINUM SILICATE CLAY (1332-58-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

N-BUTYL ACETATE - BULK (123-86-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

METHYL ACETATE - HIGH PURITY (79-20-9)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

GLYCOL ETHER DPM (34590-94-8)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

4:1 BLACK HIGH BUILD DTM URETHANE

Safety Data Sheet

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

QUARTZ (14808-60-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

ETHYLBENZENE (100-41-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
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Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

PURE XYLENE (1330-20-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
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Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Poisonous and Deleterious Substances Control Law
Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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

Listed on the AICS (the Australian Inventory of Chemical Substances)
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Listed on CICR (Turkish Inventory and Control of Chemicals)

EOP (2-ETHOXYETHYL PROPIONATE) (763-69-9)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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Safety Data Sheet

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

Trizinc diphosphate (7779-90-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
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Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Poisonous and Deleterious Substances Control Law
Listed on CICR (Turkish Inventory and Control of Chemicals)

ZINC OXIDE (1314-13-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

TETRAMETHYL DECYNE DIOL (126-86-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

GLYCOL ETHER EB (111-76-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
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Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

VEHICLE NON-REPORTABLE

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

POLYETHYLENE BRANCHED NONYLPHENYL ETHER (68412-54-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
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Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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Safety Data Sheet

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

2,4-PENTANEDIONE (123-54-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

DIBUTYLTIN DILAURATE (77-58-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Pollutant Release and Transfer Register Law (PRTR Law)
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METHANOL (67-56-1)

Listed on the AICS (the Australian Inventory of Chemical Substances)
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Poisonous and Deleterious Substances Control Law
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

PURE ETHANOL (64-17-5)

Listed on the AICS (the Australian Inventory of Chemical Substances)
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

DIISOBUTYL KETONE (108-83-8)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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Safety Data Sheet

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

SOLVENT NAPHTHA, LIGHT AROMATIC (64742-95-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Korean ECL (Existing Chemical List) inventory.
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

BIS SEBACATE (41556-26-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

METHYL PIPERIDINYL SEBACATE (82919-37-7)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on CICR (Turkish Inventory and Control of Chemicals)

POLY ALPHA OMEGA OXOPROPOXY (104810-47-1)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

POLY ALPHA OMEGA HYDROXY (104810-48-2)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Barium dinonylnaphthalenesulfonate (25619-56-1)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
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Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Poisonous and Deleterious Substances Control Law
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

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

2-Propanol, 1-propoxy- (1569-01-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
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Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

STYRENE-ALLYL ALCOHOL COPOLYMER (25119-62-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on Industrial Safety and Health Law Substances (ISHL)
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)
Listed on Inventory of Chemicals and Chemical Substances (PICCS)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

M.A.K. (110-43-0)

Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on Inventory of Existing Chemical Substances (IECSC)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)

UREA/ALDEHYDE RESIN

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

SDS Major/Minor : None
Date of issue : 07/18/2016
Revision date : 11/09/2016
Supersedes : 07/18/2016

Full text of H-phrases:

H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
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
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H341	Suspected of causing genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H370	Causes damage to organs
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life

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H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

SDS Canada (GHS)

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