HEDRIX Touchup Pens & Bottles - Acrylic Enamel

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 03/16/2026 Version: 1.1

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: HEDRIX Touchup Pens & Bottles - Acrylic Enamel

Colors: All colors

1.2. Intended Use of the Product

Consumer use

1.3. Name, Address, and Telephone of the Responsible Party

Hedrix
65 Brown Ave
Springfield, NJ 07081
USA
973-863-2639

1.4. Emergency Telephone Number

Emergency Number : VelocityEHS
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Flammable liquids Category 2	H225
Acute toxicity (oral) Category 4	H302
Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 1	H318
Respiratory sensitization, Category 1	H334
Skin sensitization, Category 1	H317
Carcinogenicity Category 1A	H350
Reproductive toxicity Category 2	H361
Specific target organ toxicity (single exposure) Category 2	H371
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335
Specific target organ toxicity (repeated exposure) Category 1	H372
Hazardous to the aquatic environment - Acute Hazard Category 1	H400
Hazardous to the aquatic environment - Chronic Hazard Category 2	H411

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



Signal Word (GHS-US/CA) : Danger

Hazard Statements (GHS-US/CA) : H225 - Highly flammable liquid and vapor.
H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H334 - May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness.

H350 - May cause cancer.
H361 - Suspected of damaging fertility or the unborn child.
H371 - May cause damage to organs (blood, kidneys, liver).
H372 - Causes damage to organs through prolonged or repeated exposure.
H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P284 - [In case of inadequate ventilation] wear respiratory protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor.
P314 Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see section 4 on this SDS).
P330 - Rinse mouth.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.
P391 - Collect spillage.
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, territorial, provincial, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Titanium dioxide	C.I. 77891 / C.I. Pigment White 6 / Titanium oxide (TiO2) / Titanium(IV) oxide / C.I. Pigment White 7 /	(CAS-No.) 13463-67-7	≤ 51	Carc. 2, H351

	Titanium oxide			
Aluminum	Aluminium / Aluminum, elemental / Aluminum, metal / C.I. 77000 / Aluminium powder (stabilized) / Pigment Metal 1 / Aluminum powder / Aluminium metal, powder	(CAS-No.) 7429-90-5	≤ 37.5	Comb. Dust
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 / Propylene glycol methyl ether acetate, .alpha.-isomer / PGMEA / 1-Methoxypropan-2-yl acetate / Acetic acid, 2-methoxyisopropyl ester / 1-Methoxypropan-2-ol acetate / Propylene glycol methyl ether acetate (all isomers)	(CAS-No.) 108-65-6	0.7 – 36.5	Flam. Liq. 3, H226 STOT SE 3, H336
Copper	Copper, metal / Copper, elemental / C.I. Pigment Metal 2 / C.I. 77400 / Granulated copper	(CAS-No.) 7440-50-8	≤ 30	Aquatic Acute 1, H400 Aquatic Chronic 3, H412 Comb. Dust
Diacetone alcohol	4-Hydroxy-4-methyl pentan-2-one / 4-Hydroxy-4-methyl-2-pentanone / 4-Hydroxy-4-methylpentanone-2 / Pentan-2-one, 4-hydroxy-4-methyl- / 2-Pentanone, 4-hydroxy-4-methyl- / 4-Hydroxy-4-methylpentan-2-one / 4-Hydroxy-4-methyl pentan-2-one alcohol / 4-Hydroxy-4-methyl-pentane-2-on / Diacetone	(CAS-No.) 123-42-2	≤ 28.5	Flam. Liq. 3, H226 Eye Irrit. 2A, H319 Repr. 2, H361 STOT SE 2, H371 STOT SE 3, H335
Mica	C.I. Pigment White 20 / C.I. 77019 / Silicates, mica / Mica group minerals / Mica dust	(CAS-No.) 12001-26-2	≤ 26.1	Not classified
2-Heptanone	Methyl n-amyl ketone / n-Amyl methyl ketone / Amyl methyl ketone / Heptan-2-one / Methyl amyl ketone / Methyl pentyl ketone / Methyl n-pentyl ketone	(CAS-No.) 110-43-0	7 – 21	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H336
tert-Butyl acetate	Acetic acid, 1,1-dimethylethyl ester / Acetic acid, tert-butyl ester / tertiary-Butyl acetate	(CAS-No.) 540-88-5	7 – 21	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H336 STOT SE 3, H335
Carbon black	C.I. 77266 / C.I. Pigment Black 6 / C.I. Pigment Black 7 / Lampblack / Vegetable carbon / Microjet Black CW / Coal soot / Channel black / Bonjet Black CW / D and C Black No. 4 / D and C Black No. 2	(CAS-No.) 1333-86-4	≤ 21	Carc. 2, H351 Comb. Dust
Silica, amorphous	Amorphous silica / Silica / Silica, amorphous, fumed / Silica, colloidal / Silicon dioxide / Silicon dioxide, amorphous / Silicon(IV) oxide / Un-crystalline silica / Pigment White 27 / Silicon(IV)oxide / Silica amorphous / Fumed silica	(CAS-No.) 7631-86-9	≤ 19	Not classified
Petroleum distillates, hydrotreated light	Odorless light petroleum hydrocarbons / Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclics, / Distillates (petroleum), hydro- treated light; Kerosine - unspecified [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approxi mately 150°C to 290°C (302°F to 554°F).] / Kerosene / c13-14 isoparaffin / Light Aliphatic Hydrocarbon / Kerosene, hydrotreated / Hydrotreated light distillate / Distillates, petroleum, hydrotreated light	(CAS-No.) 64742-47-8	≤ 12	Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Cobalt oxide (Co3O4)	Cobalt oxide / Cobalt tetraoxide / Tricobalt tetraoxide / Tricobalt tetroxide / Cobalt(II,III) oxide	(CAS-No.) 1308-06-1	≤ 10.2	Resp. Sens. 1, H334 Skin Sens. 1, H317

	/ Cobalt tetroxide / Cobaltic-cobaltous oxide			Carc. 1A, H350 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Zinc	C.I. Pigment Black 16 / C.I. Pigment Metal 6 / Zinc (metallic) / Zinc powder - zinc dust (stabilised)	(CAS-No.) 7440-66-6	≤ 9	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust
Solvent naphtha, petroleum, medium aliphatic	Aliphatic naphtha / Medium aliphatic solvent naphtha / White spirit type 0 / Aliphatic petroleum solvent (naphtha) / Stoddard chloride / Stoddard solvent / Medium aliphatic solvent naphtha (petroleum) / Solvent naphtha (petroleum), medium aliphatic; Straight run kerosine [A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C9 through C12 and boiling in the range of approximately 140°C to 220°C (284°F to 428°F).] / Mineral spirits / Solvent naphtha medium aliphatic / Solvent naphtha, medium heavy, aliphatic hydrocarbons / Stoddard Solvent (Type IIC)	(CAS-No.) 64742-88-7	≤ 6	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
2-Pentanone, 4-methyl-	Hexone / Isobutyl methyl ketone / Isopropylacetone / Methyl isobutyl ketone / 4-Methyl-2-pentanone / 2-Methyl-4-pentanone / 4-Methylpentan-2-one / MIBK / Pentan-2-one, 4-methyl-	(CAS-No.) 108-10-1	2.1 – 4.9	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2A, H319 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304
Acetone	Dimethyl ketone / 2-Propanone / Propan-2-one / Propanone	(CAS-No.) 67-64-1	≤ 4.9	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Methyl ethyl ketone	Butan-2-one / 2-Butanone / Ethyl methyl ketone / Methyl acetone / MEK / Butanone	(CAS-No.) 78-93-3	0.7 – 3.5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Aluminum oxide (Al2O3)	Aluminum oxide / .alpha.-Alumina / Alumina / Aluminium oxide / .alpha.-Aluminum oxide / Dialuminum trioxide / Alundum	(CAS-No.) 1344-28-1	≤ 3	Not classified
C.I. Food Red 15	Acid Brilliant Pink B / Ammonium, (9-(o-carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-yl idene)diethyl-, chloride / Brilliant Pink B / C.I. Basic Violet 10 / Calcozine Red BX / 9-(2-Carboxyphenyl)-3,6-bis(diethylamino)xanthylium chloride / 9-o-Carboxyphenyl-6-diethylamino-3-ethylimino-3-isoxanthene, 3-ethochloride / Diethyl-m-amino-phenolphthalein hydrochloride / Food Red 15 / Geranium Lake N / Iragen Red L-U / Rhodamine B / Rhodamine B chloride / Rhodamine FB CI / Rhodamine O / Rhodamine S / Sicilian Cerise Toner A-7127 / Symulex Pink F / Symulex Rhodamine B Toner F / Tetraethyldiamino-o-carboxy-phenyl-xanthenyl chloride / Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, chloride / Colouring agent CI 45170 / Xanthylium, 9-(2-carboxyphenyl)-3,6-bis(diethylamino)-, chloride (1:1) / C.I. 45170 / D and C Red No. 19 / Ethanaminium, N-[9-(2-carboxyphenyl)-6-(diethylamino)-3H-xanthen-3-ylidene]-N-ethyl-, chloride / Basic Rose Red	(CAS-No.) 81-88-9	≤ 3	Acute Tox. 3 (Oral), H301 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Poly(oxy-1,2-ethanediyl), .alpha.-methyl-	Polyphosphoric acids, reaction products with 2-oxepanone, polyethylene glycol monomethyl ether and tetrahydro-2H-pyran-2-one / Polyphosphoric acids reaction products with 2-oxepanone,	(CAS-No.) 162627-22-7	≤ 3	Eye Irrit. 2A, H319

.omega.-hydroxy-, reaction products with 2-oxepanone, 2H-pyran-2-one, tetrahydro-, and polyphosphoric acids	polyethylene glycol monomethyl ether and tetrahydro-2H-pyran-2-one			
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-, phosphate	Isotridecyl alcohol, ethoxylated, phosphated / .alpha.-Isotridecyl-.omega.-hydroxypoly(oxyethylene), phosphate / Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy, phosphate	(CAS-No.) 73038-25-2	≤ 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Manganese oxide (Mn3O4)	Manganese tetroxide / Trimanganese tetraoxide / Trimanganese tetroxide / Manganese tetraoxide / Manganese(II,III) oxide / Manganomanganic oxide / Manganous oxide	(CAS-No.) 1317-35-7	≤ 1.5	Repr. 2, H361
Quartz	Quartz (SiO2) / Silica, crystalline, quartz / Crystalline silica, quartz / .alpha.-Quartz / Silica, crystalline, .alpha.-quartz / Silica, .alpha.-quartz / Silicon dioxide / Silica, quartz / Silica, crystalline / Silica dust, crystalline / Silica dust / Quartz (respirable fraction) / Quartz, silica	(CAS-No.) 14808-60-7	≤ 1.5	Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372
Poly(oxy-1,2-ethanediyl), .alpha.-(dinonylphenyl)-.omega.-hydroxy-, phosphate	Dinonylphenol, ethoxylated, phosphated / Dinonylphenol, ethoxylate, phosphate / Polyethylene glycol dinonylphenyl ether phosphate / NONYL NONOXYNOL-10 PHOSPHATE / NONYL NONOXYNOL-11 PHOSPHATE / NONYL NONOXYNOL-15 PHOSPHATE / NONYL NONOXYNOL-24 PHOSPHATE / NONYL NONOXYNOL-8 PHOSPHATE	(CAS-No.) 39464-64-7	≤ 1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Distillates, petroleum, hydrodesulfurized middle	Petroleum distillates, hydrodesulfurized middle / Distillates (petroleum), hydrodesulfurized middle / Hydrodesulfurized middle distillate / Distillates (petroleum), hydrodesulfurized middle coker / Petroleum distillate, hydrodesulphurised, middle / Distillates, hydrodesulfurized middle (petroleum) distillates / Distillates (petroleum), hydrodesulfurized middle; Gasoil - unspecified [A complex combination of hydrocarbons obtained from a petroleum stock by treating with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately 205°C to 400°C (401°F to 752°F).]	(CAS-No.) 64742-80-9	≤ 1.5	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Carc. 1B, H350 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Solvent naphtha, petroleum, light aromatic	Solvent naphtha (petroleum), light aromatic / Light aromatic solvent naphtha / Aromatic 100 / Aromatic naphtha, type I / Aromatic hydrocarbon solvents - medium flashpoint / Solvent naphtha (petroleum), light aromatic; Low boiling point naphtha -unspecified [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 through C10 and boiling in the range of approximately 135°C to 210°C (275°F to 410°F).] / Hydrocarbons, C9, aromatics / Solvent naphtha (petroleum), light aromatic, hydrotreated / Light aromatic solvent naphtha (petroleum) (C8-10) / Solvent naphtha, petroleum, light aromatic- low boiling point hydrogen treated naphtha	(CAS-No.) 64742-95-6	≤ 1.5	Flam. Liq. 1, H224 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Poly(oxy-1,2-	Polyethylene glycol branched-nonylphenyl ether	(CAS-No.) 68412-53-3	≤ 1.5	Skin Irrit. 2, H315

ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched, phosphates	phosphate / Polyoxyethylene nonylphenol branched ether phosphate / .alpha.-Nonylphenol-.omega.-hydroxy-poly(oxy-1,2-ethanediyl), branched phosphates / SDA 23-102-00 / .alpha.-(Nonylphenyl)-.omega.-hydroxy poly(oxy-1,2-ethanediyl), branched phosphates / Nonylphenol, branched, ethoxylated, phosphated / Nonylphenolethoxylates			Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Polyethylene glycol branched nonylphenyl ether	Nonylphenol, branched, ethoxylated / Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched / Polyoxyethylene branched-C9-alkylphenol / Branched-nonylphenol ethoxylate / SDA 23-099-00 / Polyethylene glycol nonylphenyl ether, branched / .alpha.-(Nonylphenyl)-.omega.-hydroxy poly(oxy-1,2-ethanediyl), branched / Triton N-101 / Hydro-.omega.-hydroksypoly(oxy-1,2-ethandiyl), .alpha.-, -branched nonylphenyl ethers / Nonylphenolethoxylates	(CAS-No.) 68412-54-4	≤ 1.5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Alcohols, C11-14-iso-, C13-rich, ethoxylated	Alcohols, C11-14-iso-, C13 rich, ethoxylated / Ethoxylated branched C11-14, C13-rich alcohols / trideceth-12 / Ethoxylated isoalcohols(C11-14, C13 rich) / Trideceth-12	(CAS-No.) 78330-21-9	≤ 1.5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318
2-Butanone, oxime	Methyl ethyl ketoxime / Butan-2-one oxime / Butanone oxime / Ethyl methyl ketoxime / 2-Butanone oxime / Ethyl methyl ketone oxime / Methyl ethyl ketone oxime / MEKO / 2-Butanonoxime / 2-Butanone oixme	(CAS-No.) 96-29-7	0.07 – 0.7	Flam. Liq. 4, H227 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1B, H317 Carc. 2, H351 STOT SE 1, H370 STOT RE 2, H373 Aquatic Acute 3, H402
C.I. Basic Red 1	Benzoic acid, 2-[6-(ethylamino)-3-(ethylimino)-2,7-dimethyl-3H-xanthen-9-yl]-, ethyl ester, monohydrochloride / C.I. Basic Red 1, monohydrochloride / Calcozine Red 6G / 9-[2-(Ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethylxanthylium chloride / Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, chloride / Xanthylium, 9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethyl-, chloride (1:1) / Rhodamine 6G / Aminoxanthene organic dye Rhodamine Zh / Organic dye Rhodamine Zh / Organic dye Aminoxanthene Rhodamine Zh / 2-[6-(Ethylamino)-3-(ethylimino)-2,7-dimethyl-3H-xanthen-9-yl]benzoic acid ethyl ester monohydrochloride	(CAS-No.) 989-38-8	≤ 0.45	Acute Tox. 3 (Oral), H301 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethylbenzene	Ethyl benzene / Benzene, ethyl- / Phenylethane	(CAS-No.) 100-41-4	≤ 0.3	Flam. Liq. 2, H225 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-	Propane-1,3-diol, 2-ethyl-2-(hydroxymethyl)- / Propylidynetrimethanol / TMP / 1,1,1-Tri(hydroxymethyl)propane / 1,1,1-Trimethylolpropane / Trimethylolpropane / 1,1,1-Tris(hydroxymethyl)propane / 2-Ethyl-2-(hydroxymethyl)-1,3-propanediol / 2,2-Bis(hydroxymethyl)-1-butanol / 2,2-Bis(hydroxymethyl)butan-1-ol / 2,2-Dihydroxymethylbutanol	(CAS-No.) 77-99-6	≤ 0.3	Repr. 2, H361
Rutile (TiO2)	C.I. Pigment White 6 / Titanium dioxide (rutile) / Titanium dioxide, rutile / Titanium oxide / Rutile	(CAS-No.) 1317-80-2	≤ 0.18	Carc. 2, H351

Full text of H-statements: see section 16

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Immediately remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists. If exposed or concerned: Get medical advice/attention.

Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May cause respiratory irritation. May cause drowsiness and dizziness. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs (blood, kidney, liver). Causes damage to organs through prolonged or repeated exposure. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin sensitization. Causes skin irritation. Harmful if swallowed. Causes serious eye damage.

Inhalation: Irritation of the respiratory tract and the other mucous membranes. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Cough, dyspnea (breathing difficulty), wheezing; decreased pulmonary function, progressive respiratory symptoms (silicosis).

Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.

Chronic Symptoms: May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis; a seriously disabling and fatal lung disease, and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Inhalation may lead to a progressive massive fibrosis which may be accompanied by right heart enlargement, heart failure, pulmonary failure of the lung and susceptibility to pulmonary tuberculosis. Pulmonary function may be reduced and pre-existing lung diseases such as: emphysema or asthma may be aggravated by inhalation exposure to dusts. Smoking aggravates the effects of exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. Treatment will be based on severity and prognosis of disease.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO_2). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO_2). Halogenated compounds. Metal oxides.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not handle until all safety precautions have been read and understood. Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Eliminate ignition sources first, then ventilate the area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for Cleaning Up: Use only non-sparking tools. Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do NOT breathe (dust, vapor, mist, gas). Take precautionary measures against static discharge. Use only non-sparking tools. Handle empty containers with care because they may still present a hazard. Avoid creating or spreading dust. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Consumer use

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

2-Heptanone (110-43-0)		
USA ACGIH	ACGIH OEL TWA	50 ppm
USA OSHA	OSHA PEL TWA	465 mg/m³

USA OSHA	OSHA PEL TWA	100 ppm
USA NIOSH	NIOSH REL TWA	465 mg/m³
USA NIOSH	NIOSH REL TWA	100 ppm
USA IDLH	IDLH	800 ppm
Alberta	OEL TWA	233 mg/m³
Alberta	OEL TWA	50 ppm
British Columbia	OEL TWA	50 ppm
Manitoba	OEL TWA	50 ppm
New Brunswick	OEL TWA	233 mg/m³
New Brunswick	OEL TWA	50 ppm
Newfoundland & Labrador	OEL TWA	50 ppm
Nova Scotia	OEL TWA	50 ppm
Nunavut	OEL STEL	60 ppm
Nunavut	OEL TWA	50 ppm
Northwest Territories	OEL STEL	60 ppm
Northwest Territories	OEL TWA	50 ppm
Ontario	OEL TWA	115 mg/m³
Ontario	OEL TWA	25 ppm
Prince Edward Island	OEL TWA	50 ppm
Québec	VEMP TWA	233 mg/m³
Québec	VEMP TWA	50 ppm
Saskatchewan	OEL STEL	60 ppm
Saskatchewan	OEL TWA	50 ppm
Yukon	OEL STEL	710 mg/m³
Yukon	OEL STEL	150 ppm
Yukon	OEL TWA	465 mg/m³
Yukon	OEL TWA	100 ppm

tert-Butyl acetate (540-88-5)		
USA ACGIH	ACGIH OEL TWA	50 ppm (Butyl acetates, all isomers)
USA ACGIH	ACGIH OEL STEL	150 ppm (Butyl acetates, all isomers)
USA OSHA	OSHA PEL TWA	950 mg/m³
USA OSHA	OSHA PEL TWA	200 ppm
USA NIOSH	NIOSH REL TWA	950 mg/m³
USA NIOSH	NIOSH REL TWA	200 ppm
USA IDLH	IDLH	1500 ppm (10% LEL)
Alberta	OEL TWA	950 mg/m³
Alberta	OEL TWA	200 ppm
British Columbia	OEL STEL	150 ppm (Butyl acetate, all isomers)
British Columbia	OEL TWA	50 ppm (Butyl acetate, all isomers)
Manitoba	OEL STEL	150 ppm (Butyl acetates, all isomers)
Manitoba	OEL TWA	50 ppm (Butyl acetates, all isomers)
New Brunswick	OEL TWA	950 mg/m³
New Brunswick	OEL TWA	200 ppm
Newfoundland & Labrador	OEL STEL	150 ppm (Butyl acetates, all isomers)
Newfoundland & Labrador	OEL TWA	50 ppm (Butyl acetates, all isomers)
Nova Scotia	OEL STEL	150 ppm (Butyl acetates, all isomers)
Nova Scotia	OEL TWA	50 ppm (Butyl acetates, all isomers)
Nunavut	OEL STEL	250 ppm
Nunavut	OEL TWA	200 ppm
Northwest Territories	OEL STEL	250 ppm
Northwest Territories	OEL TWA	200 ppm

Ontario	OEL STEL	150 ppm (Butyl acetates, all isomers)
Ontario	OEL TWA	50 ppm (Butyl acetates, all isomers)
Prince Edward Island	OEL STEL	150 ppm (Butyl acetates, all isomers)
Prince Edward Island	OEL TWA	50 ppm (Butyl acetates, all isomers)
Québec	VECD OEL STEL	150 ppm (Butyl acetate (all isomers))
Québec	VEMP TWA	50 ppm
Saskatchewan	OEL STEL	250 ppm
Saskatchewan	OEL TWA	200 ppm
Yukon	OEL STEL	1180 mg/m³
Yukon	OEL STEL	250 ppm
Yukon	OEL TWA	950 mg/m³
Yukon	OEL TWA	200 ppm

2-Pentanone, 4-methyl- (108-10-1)		
USA ACGIH	ACGIH OEL TWA	20 ppm
USA ACGIH	ACGIH OEL STEL	75 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA ACGIH	BEI BLV	1 mg/l Parameter: MIBK - Medium: urine - Sampling time: end of shift
USA OSHA	OSHA PEL TWA	410 mg/m³
USA OSHA	OSHA PEL TWA	100 ppm
USA NIOSH	NIOSH REL TWA	205 mg/m³
USA NIOSH	NIOSH REL TWA	50 ppm
USA NIOSH	NIOSH REL STEL	300 mg/m³
USA NIOSH	NIOSH REL STEL	75 ppm
USA IDLH	IDLH	500 ppm
Alberta	OEL STEL	307 mg/m³
Alberta	OEL STEL	75 ppm
Alberta	OEL TWA	205 mg/m³
Alberta	OEL TWA	50 ppm
British Columbia	OEL STEL	75 ppm
British Columbia	OEL TWA	20 ppm
Manitoba	OEL STEL	75 ppm
Manitoba	OEL TWA	20 ppm
New Brunswick	OEL STEL	307 mg/m³
New Brunswick	OEL STEL	75 ppm
New Brunswick	OEL TWA	205 mg/m³
New Brunswick	OEL TWA	50 ppm
Newfoundland & Labrador	OEL STEL	75 ppm
Newfoundland & Labrador	OEL TWA	20 ppm
Nova Scotia	OEL STEL	75 ppm
Nova Scotia	OEL TWA	20 ppm
Nunavut	OEL STEL	75 ppm
Nunavut	OEL TWA	50 ppm
Northwest Territories	OEL STEL	75 ppm
Northwest Territories	OEL TWA	50 ppm
Ontario	OEL STEL	75 ppm
Ontario	OEL TWA	20 ppm
Prince Edward Island	OEL STEL	75 ppm
Prince Edward Island	OEL TWA	20 ppm
Québec	VECD OEL STEL	75 ppm
Québec	VEMP TWA	20 ppm
Saskatchewan	OEL STEL	75 ppm

Saskatchewan	OEL TWA	50 ppm
Yukon	OEL STEL	510 mg/m³
Yukon	OEL STEL	125 ppm
Yukon	OEL TWA	410 mg/m³
Yukon	OEL TWA	100 ppm

Propylene glycol monomethyl ether acetate (108-65-6)		
USA AIHA	WEEL TWA	50 ppm
British Columbia	OEL STEL	75 ppm
British Columbia	OEL TWA	50 ppm
Ontario	OEL TWA	270 mg/m³
Ontario	OEL TWA	50 ppm

Methyl ethyl ketone (78-93-3)		
USA ACGIH	ACGIH OEL TWA	200 ppm
USA ACGIH	ACGIH OEL STEL	300 ppm
USA ACGIH	BEI BLV	2 mg/l Parameter: MEK - Medium: urine - Sampling time: end of shift (nonspecific)
USA OSHA	OSHA PEL TWA	590 mg/m³
USA OSHA	OSHA PEL TWA	200 ppm
USA NIOSH	NIOSH REL TWA	590 mg/m³
USA NIOSH	NIOSH REL TWA	200 ppm
USA NIOSH	NIOSH REL STEL	885 mg/m³
USA NIOSH	NIOSH REL STEL	300 ppm
USA IDLH	IDLH	3000 ppm
Alberta	OEL STEL	885 mg/m³
Alberta	OEL STEL	300 ppm
Alberta	OEL TWA	590 mg/m³
Alberta	OEL TWA	200 ppm
British Columbia	OEL STEL	100 ppm
British Columbia	OEL TWA	50 ppm
Manitoba	OEL STEL	300 ppm
Manitoba	OEL TWA	200 ppm
New Brunswick	OEL STEL	885 mg/m³
New Brunswick	OEL STEL	300 ppm
New Brunswick	OEL TWA	590 mg/m³
New Brunswick	OEL TWA	200 ppm
Newfoundland & Labrador	OEL STEL	300 ppm
Newfoundland & Labrador	OEL TWA	200 ppm
Nova Scotia	OEL STEL	300 ppm
Nova Scotia	OEL TWA	200 ppm
Nunavut	OEL STEL	300 ppm
Nunavut	OEL TWA	200 ppm
Northwest Territories	OEL STEL	300 ppm
Northwest Territories	OEL TWA	200 ppm
Ontario	OEL STEL	300 ppm
Ontario	OEL TWA	200 ppm
Prince Edward Island	OEL STEL	300 ppm
Prince Edward Island	OEL TWA	200 ppm
Québec	VECD OEL STEL	300 mg/m³
Québec	VECD OEL STEL	100 ppm
Québec	VEMP TWA	150 mg/m³
Québec	VEMP TWA	50 ppm

Saskatchewan	OEL STEL	300 ppm
Saskatchewan	OEL TWA	200 ppm
Yukon	OEL STEL	740 mg/m³
Yukon	OEL STEL	250 ppm
Yukon	OEL TWA	590 mg/m³
Yukon	OEL TWA	200 ppm

Acetone (67-64-1)		
USA ACGIH	ACGIH OEL TWA	250 ppm
USA ACGIH	ACGIH OEL STEL	500 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA ACGIH	BEI BLV	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)
USA OSHA	OSHA PEL TWA	2400 mg/m³
USA OSHA	OSHA PEL TWA	1000 ppm
USA NIOSH	NIOSH REL TWA	590 mg/m³
USA NIOSH	NIOSH REL TWA	250 ppm
USA IDLH	IDLH	2500 ppm (10% LEL)
Alberta	OEL STEL	1800 mg/m³
Alberta	OEL STEL	750 ppm
Alberta	OEL TWA	1200 mg/m³
Alberta	OEL TWA	500 ppm
British Columbia	OEL STEL	500 ppm
British Columbia	OEL TWA	250 ppm
Manitoba	OEL STEL	500 ppm
Manitoba	OEL TWA	250 ppm
New Brunswick	OEL STEL	1782 mg/m³
New Brunswick	OEL STEL	750 ppm
New Brunswick	OEL TWA	1188 mg/m³
New Brunswick	OEL TWA	500 ppm
Newfoundland & Labrador	OEL STEL	500 ppm
Newfoundland & Labrador	OEL TWA	250 ppm
Nova Scotia	OEL STEL	500 ppm
Nova Scotia	OEL TWA	250 ppm
Nunavut	OEL STEL	750 ppm
Nunavut	OEL TWA	500 ppm
Northwest Territories	OEL STEL	750 ppm
Northwest Territories	OEL TWA	500 ppm
Ontario	OEL STEL	500 ppm
Ontario	OEL TWA	250 ppm
Prince Edward Island	OEL STEL	500 ppm
Prince Edward Island	OEL TWA	250 ppm
Québec	VECD OEL STEL	2380 mg/m³
Québec	VECD OEL STEL	1000 ppm
Québec	VEMP TWA	1190 mg/m³
Québec	VEMP TWA	500 ppm
Saskatchewan	OEL STEL	750 ppm
Saskatchewan	OEL TWA	500 ppm
Yukon	OEL STEL	3000 mg/m³
Yukon	OEL STEL	1250 ppm
Yukon	OEL TWA	2400 mg/m³
Yukon	OEL TWA	1000 ppm

Titanium dioxide (13463-67-7)		
USA ACGIH	ACGIH OEL TWA	10 mg/m³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL TWA	15 mg/m³ (total dust)
USA NIOSH	NIOSH REL TWA	2.4 mg/m³ (CIB 63-fine) 0.3 mg/m³ (CIB 63-ultrafine, including engineered nanoscale)
USA IDLH	IDLH	5000 mg/m³
Alberta	OEL TWA	10 mg/m³
British Columbia	OEL TWA	10 mg/m³ (total dust) 3 mg/m³ (respirable fraction)
Manitoba	OEL TWA	10 mg/m³
New Brunswick	OEL TWA	10 mg/m³
Newfoundland & Labrador	OEL TWA	10 mg/m³
Nova Scotia	OEL TWA	10 mg/m³
Nunavut	OEL STEL	20 mg/m³
Nunavut	OEL TWA	10 mg/m³
Northwest Territories	OEL STEL	20 mg/m³
Northwest Territories	OEL TWA	10 mg/m³
Ontario	OEL TWA	10 mg/m³
Prince Edward Island	OEL TWA	10 mg/m³
Québec	VEMP TWA	10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m³
Saskatchewan	OEL TWA	10 mg/m³
Yukon	OEL STEL	20 mg/m³
Yukon	OEL TWA	30 mppcf 10 mg/m³

Aluminum (7429-90-5)		
USA ACGIH	ACGIH OEL TWA	1 mg/m³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL TWA	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)
USA NIOSH	NIOSH REL TWA	10 mg/m³ (total dust) 5 mg/m³ (respirable dust)
Alberta	OEL TWA	10 mg/m³ (dust)
British Columbia	OEL TWA	1 mg/m³ (respirable)
Manitoba	OEL TWA	1 mg/m³ (respirable particulate matter)
New Brunswick	OEL TWA	10 mg/m³ (metal dust)
Newfoundland & Labrador	OEL TWA	1 mg/m³ (respirable particulate matter)
Nova Scotia	OEL TWA	1 mg/m³ (respirable particulate matter)
Nunavut	OEL STEL	20 mg/m³ (metal-dust)
Nunavut	OEL TWA	10 mg/m³ (metal-dust)
Northwest Territories	OEL STEL	20 mg/m³ (metal-dust)
Northwest Territories	OEL TWA	10 mg/m³ (metal-dust)
Ontario	OEL TWA	1 mg/m³ (respirable particulate matter)
Prince Edward Island	OEL TWA	1 mg/m³ (respirable particulate matter)
Québec	VEMP TWA	10 mg/m³
Saskatchewan	OEL STEL	20 mg/m³ (dust)
Saskatchewan	OEL TWA	10 mg/m³ (dust)

Copper (7440-50-8)		
USA ACGIH	ACGIH OEL TWA	0.2 mg/m³ (fume)
USA OSHA	OSHA PEL TWA	0.1 mg/m³ (fume) 1 mg/m³ (dust and mist)

USA NIOSH	NIOSH REL TWA	1 mg/m³ (dust and mist) 0.1 mg/m³ (fume)
USA IDLH	IDLH	100 mg/m³ (dust, fume and mist)
Alberta	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
British Columbia	OEL TWA	1 mg/m³ (dust and mist) 0.2 mg/m³ (fume)
Manitoba	OEL TWA	0.2 mg/m³ (fume)
New Brunswick	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
Newfoundland & Labrador	OEL TWA	0.2 mg/m³ (fume)
Nova Scotia	OEL TWA	0.2 mg/m³ (fume)
Nunavut	OEL STEL	3 mg/m³ (dust and mist) 0.6 mg/m³ (fume)
Nunavut	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
Northwest Territories	OEL STEL	3 mg/m³ (dust and mist) 0.6 mg/m³ (fume)
Northwest Territories	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
Ontario	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
Prince Edward Island	OEL TWA	0.2 mg/m³ (fume)
Québec	VEMP TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
Saskatchewan	OEL STEL	0.6 mg/m³ (fume) 3 mg/m³ (dust and mist)
Saskatchewan	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)
Yukon	OEL STEL	0.2 mg/m³ (fume) 2 mg/m³ (dust and mist)
Yukon	OEL TWA	0.2 mg/m³ (fume) 1 mg/m³ (dust and mist)

Diacetone alcohol (123-42-2)		
USA ACGIH	ACGIH OEL TWA	50 ppm
USA OSHA	OSHA PEL TWA	240 mg/m³
USA OSHA	OSHA PEL TWA	50 ppm
USA NIOSH	NIOSH REL TWA	240 mg/m³
USA NIOSH	NIOSH REL TWA	50 ppm
USA IDLH	IDLH	1800 ppm (10% LEL)
Alberta	OEL TWA	238 mg/m³
Alberta	OEL TWA	50 ppm
British Columbia	OEL TWA	50 ppm
Manitoba	OEL TWA	50 ppm
New Brunswick	OEL TWA	238 mg/m³
New Brunswick	OEL TWA	50 ppm
Newfoundland & Labrador	OEL TWA	50 ppm
Nova Scotia	OEL TWA	50 ppm
Nunavut	OEL STEL	60 ppm
Nunavut	OEL TWA	50 ppm
Northwest Territories	OEL STEL	60 ppm
Northwest Territories	OEL TWA	50 ppm

Ontario	OEL TWA	50 ppm
Prince Edward Island	OEL TWA	50 ppm
Québec	VEMP TWA	238 mg/m³
Québec	VEMP TWA	50 ppm
Saskatchewan	OEL STEL	60 ppm
Saskatchewan	OEL TWA	50 ppm
Yukon	OEL STEL	360 mg/m³
Yukon	OEL STEL	75 ppm
Yukon	OEL TWA	240 mg/m³
Yukon	OEL TWA	50 ppm

Mica (12001-26-2)		
USA ACGIH	ACGIH OEL TWA	0.1 mg/m³ (respirable particulate matter)
USA OSHA	OSHA PEL TWA	20 mppcf (<1% Crystalline silica) (See 20 CFR 1910.1000 TABLE Z-3)
USA NIOSH	NIOSH REL TWA	3 mg/m³ (containing <1% Quartz-respirable dust)
USA IDLH	IDLH	1500 mg/m³ (containing <1% quartz)
Alberta	OEL TWA	3 mg/m³ (respirable)
British Columbia	OEL TWA	3 mg/m³ (respirable)
Manitoba	OEL TWA	0.1 mg/m³ (respirable particulate matter)
New Brunswick	OEL TWA	3 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
Newfoundland & Labrador	OEL TWA	0.1 mg/m³ (respirable particulate matter)
Nova Scotia	OEL TWA	0.1 mg/m³ (respirable particulate matter)
Nunavut	OEL STEL	6 mg/m³ (respirable fraction)
Nunavut	OEL TWA	3 mg/m³ (respirable fraction)
Northwest Territories	OEL STEL	6 mg/m³ (respirable fraction)
Northwest Territories	OEL TWA	3 mg/m³ (respirable fraction)
Ontario	OEL TWA	3 mg/m³ (respirable particulate matter)
Prince Edward Island	OEL TWA	0.1 mg/m³ (respirable particulate matter)
Québec	VEMP TWA	3 mg/m³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Saskatchewan	OEL STEL	6 mg/m³ (respirable fraction)
Saskatchewan	OEL TWA	3 mg/m³ (respirable fraction)
Yukon	OEL TWA	20 mppcf

Carbon black (1333-86-4)		
USA ACGIH	ACGIH OEL TWA	3 mg/m³ (inhalable particulate matter)
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA OSHA	OSHA PEL TWA	3.5 mg/m³
USA NIOSH	NIOSH REL TWA	3.5 mg/m³ 0.1 mg/m³ (Carbon black in presence of Polycyclic aromatic hydrocarbons)
USA IDLH	IDLH	1750 mg/m³
Alberta	OEL TWA	3.5 mg/m³
British Columbia	OEL TWA	3 mg/m³ (inhalable)
Manitoba	OEL TWA	3 mg/m³ (inhalable particulate matter)
New Brunswick	OEL TWA	3.5 mg/m³
Newfoundland & Labrador	OEL TWA	3 mg/m³ (inhalable particulate matter)
Nova Scotia	OEL TWA	3 mg/m³ (inhalable particulate matter)
Nunavut	OEL STEL	7 mg/m³
Nunavut	OEL TWA	3.5 mg/m³
Northwest Territories	OEL STEL	7 mg/m³
Northwest Territories	OEL TWA	3.5 mg/m³

Ontario	OEL TWA	3 mg/m³ (inhalable particulate matter)
Prince Edward Island	OEL TWA	3 mg/m³ (inhalable particulate matter)
Québec	VEMP TWA	3 mg/m³ (inhalable dust)
Saskatchewan	OEL STEL	7 mg/m³
Saskatchewan	OEL TWA	3.5 mg/m³
Yukon	OEL STEL	7 mg/m³
Yukon	OEL TWA	3.5 mg/m³

Silica, amorphous (7631-86-9)		
USA OSHA	OSHA PEL TWA	6 mg/m³
USA OSHA	OSHA PEL TWA	20 mppcf (80mg/m³/%SiO_2)
USA NIOSH	NIOSH REL TWA	6 mg/m³
USA IDLH	IDLH	3000 mg/m³
Yukon	OEL TWA	300 particle/mL (as measured by Konimeter instrumentation (Silica) 20 mppcf (as measured by Impinger instrumentation (Silica) 2 mg/m³ (respirable mass (Silica)

Aluminum oxide (Al2O3) (1344-28-1)		
USA ACGIH	ACGIH OEL TWA	10 mg/m³
USA OSHA	OSHA PEL TWA	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)
Alberta	OEL TWA	10 mg/m³
New Brunswick	OEL TWA	10 mg/m³ (particulate matter containing no Asbestos and <1% Crystalline silica)
Nunavut	OEL STEL	20 mg/m³
Nunavut	OEL TWA	10 mg/m³
Northwest Territories	OEL STEL	20 mg/m³
Northwest Territories	OEL TWA	10 mg/m³
Québec	VEMP TWA	10 mg/m³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m³
Saskatchewan	OEL TWA	10 mg/m³
Yukon	OEL STEL	20 mg/m³ (Al2O3)
Yukon	OEL TWA	30 mppcf (Al2O3) 10 mg/m³ (Al2O3)

Manganese oxide (Mn3O4) (1317-35-7)		
Québec	VEMP TWA	1 mg/m³

Quartz (14808-60-7)		
USA ACGIH	ACGIH OEL TWA	0.025 mg/m³ (respirable particulate matter)
USA ACGIH	ACGIH chemical category	A2 - Suspected Human Carcinogen
USA OSHA	OSHA PEL TWA	50 µg/m³ (Respirable crystalline silica)
USA OSHA	OSHA PEL TWA	(250)/(%SiO_2+5) mppcf TWA (respirable fraction) (10)/(%SiO_2+2) mg/m³ TWA (respirable fraction) (For any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3)
USA NIOSH	NIOSH REL TWA	0.05 mg/m³ (respirable dust)
USA IDLH	IDLH	50 mg/m³ (respirable dust)
Alberta	OEL TWA	0.025 mg/m³ (respirable particulate)
British Columbia	OEL TWA	0.025 mg/m³ (respirable)
Manitoba	OEL TWA	0.025 mg/m³ (respirable particulate matter)
New Brunswick	OEL TWA	0.1 mg/m³ (respirable fraction)
Newfoundland & Labrador	OEL TWA	0.025 mg/m³ (respirable particulate matter)
Nova Scotia	OEL TWA	0.025 mg/m³ (respirable particulate matter)
Nunavut	OEL TWA	0.05 mg/m³ (Trydimite removed-respirable fraction (Silica - crystalline)

Northwest Territories	OEL TWA	0.05 mg/m³ (Trydimite removed-respirable fraction (Silica - crystalline)
Ontario	OEL TWA	0.1 mg/m³ (designated substances regulation-respirable fraction (Silica, crystalline)
Prince Edward Island	OEL TWA	0.025 mg/m³ (respirable particulate matter)
Québec	VEMP TWA	0.1 mg/m³ (respirable dust)
Saskatchewan	OEL TWA	0.05 mg/m³ (Trydimite removed-respirable fraction (Silica - crystalline (Trydimite removed))
Yukon	OEL TWA	300 particle/mL (Silica - Quartz, crystalline)

Ethylbenzene (100-41-4)		
USA ACGIH	ACGIH OEL TWA	20 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA ACGIH	BEI BLV	0.15 g/g Kreatinin Parameter: Sum of mandelic acid and phenylglyoxylic acid - Medium: urine - Sampling time: end of shift (nonspecific)
USA OSHA	OSHA PEL TWA	435 mg/m³
USA OSHA	OSHA PEL TWA	100 ppm
USA NIOSH	NIOSH REL TWA	435 mg/m³
USA NIOSH	NIOSH REL TWA	100 ppm
USA NIOSH	NIOSH REL STEL	545 mg/m³
USA NIOSH	NIOSH REL STEL	125 ppm
USA IDLH	IDLH	800 ppm (10% LEL)
Alberta	OEL STEL	543 mg/m³
Alberta	OEL STEL	125 ppm
Alberta	OEL TWA	434 mg/m³
Alberta	OEL TWA	100 ppm
British Columbia	OEL TWA	20 ppm
Manitoba	OEL TWA	20 ppm
New Brunswick	OEL STEL	543 mg/m³
New Brunswick	OEL STEL	125 ppm
New Brunswick	OEL TWA	434 mg/m³
New Brunswick	OEL TWA	100 ppm
Newfoundland & Labrador	OEL TWA	20 ppm
Nova Scotia	OEL TWA	20 ppm
Nunavut	OEL STEL	125 ppm
Nunavut	OEL TWA	100 ppm
Northwest Territories	OEL STEL	125 ppm
Northwest Territories	OEL TWA	100 ppm
Ontario	OEL TWA	20 ppm
Prince Edward Island	OEL TWA	20 ppm
Québec	VEMP TWA	20 ppm
Saskatchewan	OEL STEL	125 ppm
Saskatchewan	OEL TWA	100 ppm
Yukon	OEL STEL	545 mg/m³
Yukon	OEL STEL	125 ppm
Yukon	OEL TWA	435 mg/m³
Yukon	OEL TWA	100 ppm

Rutile (TiO2) (1317-80-2)		
USA ACGIH	ACGIH OEL TWA	10 mg/m³
USA OSHA	OSHA PEL TWA	5 mg/m³ (respirable)

2-Butanone, oxime (96-29-7)		
USA AIHA	WEEL TWA	10 ppm
USA AIHA	AIHA chemical category	Skin sensitizer

8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	:	Liquid
Appearance	:	According to product specification
Odor	:	No data available
Odor Threshold	:	No data available
pH	:	No data available
Evaporation Rate	:	No data available
Melting Point	:	No data available
Freezing Point	:	No data available
Boiling Point	:	≥ 110 °C (230 °F)
Flash Point	:	9 °C (48.2 °F)
Auto-ignition Temperature	:	No data available
Decomposition Temperature	:	No data available
Flammability (Solid/Gas)	:	Not applicable
Lower Flammable Limit	:	No data available
Upper Flammable Limit	:	No data available
Vapor Pressure	:	No data available
Relative Vapor Density at 20°C	:	No data available
Relative Density	:	No data available
Density	:	7.82 lb/gal
Specific Gravity	:	0.94
Solubility	:	No data available
Partition Coefficient: N-Octanol/Water	:	No data available
Viscosity	:	> 20.5 mm^2/s at 40 °C (104 °F)

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Reacts violently with strong oxidizers. Increased risk of fire or explosion.

10.2. Chemical Stability:

Highly flammable liquid and vapor. May form flammable or explosive vapor-air mixture.

10.3. Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO_2). Halogenated compounds. Metal oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Likely routes of exposure: Dermal. Eye contact.

Acute Toxicity (Oral): Harmful if swallowed.

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data:

HEDRIX Touchup Pens & Bottles - Acrylic Enamel	
ATE US/CA (oral)	1372 mg/kg body weight

Skin Corrosion/Irritation: Causes skin irritation.

Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Causes damage to organs through prolonged or repeated exposure.

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

Specific Target Organ Toxicity (Single Exposure): May cause damage to organs (blood, kidneys, liver). May cause drowsiness or dizziness. May cause respiratory irritation.

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms. Exposure may produce cough, mucous secretions, shortness of breath, chest tightness or other symptoms indicative of an allergic/sensitization reaction. Cough, dyspnea (breathing difficulty), wheezing; decreased pulmonary function, progressive respiratory symptoms (silicosis).

Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.

Chronic Symptoms: May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis; a seriously disabling and fatal lung disease, and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects,Inhalation may lead to a progressive massive fibrosis which may be accompanied by right heart enlargement, heart failure, pulmonary failure of the lung and susceptibility to pulmonary tuberculosis. Pulmonary function may be reduced and pre-existing lung diseases such as: emphysema or asthma may be aggravated by inhalation exposure to dusts. Smoking aggravates the effects of exposure.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

2-Heptanone (110-43-0)	
LD50 Oral Rat	> 1600 mg/kg
LD50 Dermal Rabbit	10300 mg/kg
LC50 Inhalation Rat	> 16.7 mg/l/4h
LC50 Inhalation Rat	2000 – 4000 ppm (Exposure time: 6 h)

tert-Butyl acetate (540-88-5)	
LD50 Oral Rat	4500 mg/kg
LD50 Dermal Rabbit	> 2000
LC50 Inhalation Rat	> 9482 mg/m³ (Exposure time: 4 h)

LC50 Inhalation Rat	13.3 mg/l/4h
LC50 Inhalation Rat	5157 ppm/4h
2-Pentanone, 4-methyl- (108-10-1)	
LD50 Oral Rat	2080 mg/kg
LD50 Dermal Rabbit	3000 mg/kg
LC50 Inhalation Rat	11.6 mg/l/4h
LC50 Inhalation Rat	2000 – 4000 ppm/4h
Propylene glycol monomethyl ether acetate (108-65-6)	
LD50 Oral Rat	8532 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
LC50 Inhalation Rat	16000 mg/m³ (Exposure time: 6 h)
Methyl ethyl ketone (78-93-3)	
LD50 Oral Rat	2483 mg/kg
LD50 Dermal Rat	> 10 ml/kg
LD50 Dermal Rabbit	5000 mg/kg
LC50 Inhalation Rat	34.5 mg/l/4h
LC50 Inhalation Rat	11700 ppm/4h
Acetone (67-64-1)	
LD50 Oral Rat	5800 mg/kg (Species: Sprague-Dawley)
LD50 Dermal Rabbit	7400 mg/kg
LC50 Inhalation Rat	44 g/m³
Titanium dioxide (13463-67-7)	
LD50 Oral Rat	> 10000 mg/kg
LC50 Inhalation Rat	5.09 mg/l/4h
Aluminum (7429-90-5)	
LC50 Inhalation Rat	> 0.888 mg/L/4h (No deaths)
Copper (7440-50-8)	
LC50 Inhalation Rat	> 5.11 mg/l/4h
Diacetone alcohol (123-42-2)	
LD50 Oral Rat	> 4 g/kg
LD50 Dermal Rabbit	13630 mg/kg
LC50 Inhalation Rat	> 7.23 g/m³ (Exposure time: 8 h)
Carbon black (1333-86-4)	
LD50 Oral Rat	> 8000 mg/kg
Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5.3 mg/l/4h
Silica, amorphous (7631-86-9)	
LD50 Oral Rat	7900 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg (No deaths)
Cobalt oxide (Co3O4) (1308-06-1)	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rat	> 2000 mg/kg
LC50 Inhalation Rat	> 5.06 mg/l/4h
Zinc (7440-66-6)	
LD50 Oral Rat	> 2000 mg/kg
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
LD50 Oral Rat	> 25 ml/kg
LD50 Dermal Rabbit	> 4000 mg/kg

LC50 Inhalation Rat	> 5.28 mg/l/4h
Aluminum oxide (Al2O3) (1344-28-1)	
LD50 Oral Rat	> 15900 mg/kg
C.I. Food Red 15 (81-88-9)	
LD50 Oral Rat	174 mg/kg
Manganese oxide (Mn3O4) (1317-35-7)	
LC50 Inhalation Rat	> 5.17 mg/l/4h
Quartz (14808-60-7)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
Distillates, petroleum, hydrodesulfurized middle (64742-80-9)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	4.6 mg/l/4h (Exposure time: 4 h)
Solvent naphtha, petroleum, light aromatic (64742-95-6)	
LD50 Oral Rat	8400 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	3400 ppm/4h
C.I. Basic Red 1 (989-38-8)	
LD50 Oral Rat	250 mg/kg
Ethylbenzene (100-41-4)	
LD50 Oral Rat	3500 mg/kg
LD50 Dermal Rabbit	15400 mg/kg
LC50 Inhalation Rat	17.2 mg/l/4h (Exposure time: 4 h)
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
LD50 Oral Rat	14100 mg/kg
LD50 Dermal Rabbit	> 10000 mg/kg
2-Butanone, oxime (96-29-7)	
LD50 Oral Rat	2326 mg/kg (Species: Sprague-Dawley)
LD50 Dermal Rabbit	> 1000 mg/kg
LC50 Inhalation Rat	> 4.83 mg/l/4h
2-Pentanone, 4-methyl- (108-10-1)	
IARC Group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Titanium dioxide (13463-67-7)	
IARC Group	2B
Carbon black (1333-86-4)	
IARC Group	2B
Cobalt oxide (Co3O4) (1308-06-1)	
IARC Group	2B
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Quartz (14808-60-7)	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
Ethylbenzene (100-41-4)	
IARC Group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Rutile (TiO2) (1317-80-2)	
IARC Group	2B

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Toxic to aquatic life with long lasting effects.

2-Heptanone (110-43-0)	
LC50 Fish	131 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

tert-Butyl acetate (540-88-5)	
LC50 Fish	296 – 362 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])

2-Pentanone, 4-methyl- (108-10-1)	
LC50 Fish	496 – 514 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Crustacea	170 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 Algae	400 mg/l (Exposure time 96 h - Species: Pseudokirchneriella subcapitata)
NOEC Chronic Fish	57 mg/l
NOEC Chronic Crustacea	7.8 mg/l

Propylene glycol monomethyl ether acetate (108-65-6)	
LC50 Fish	161 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Crustacea	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Methyl ethyl ketone (78-93-3)	
LC50 Fish	3130 – 3320 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Crustacea 1	520 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Crustacea 2	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)
NOEC Chronic Algae	93 mg/l

Acetone (67-64-1)	
LC50 Fish 1	4144.846 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Crustacea 1	1679.66 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 Crustacea 2	12600 – 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Copper (7440-50-8)	
LC50 Fish 1	0.0068 – 0.0156 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Crustacea	0.03 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 Other Aquatic Organisms 1	0.0426 – 0.0535 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata [static])
LC50 Fish 2	< 0.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Other Aquatic Organisms 2	0.031 – 0.054 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata [static])

Diacetone alcohol (123-42-2)	
LC50 Fish 1	420 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 Fish 2	420 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

Carbon black (1333-86-4)	
EC50 Crustacea	5600 mg/l (Exposure time: 24 h - Species: Daphnia magna)

Petroleum distillates, hydrotreated light (64742-47-8)	
LC50 Fish 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 Fish 2	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Silica, amorphous (7631-86-9)	
LC50 Fish	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Crustacea	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)

Cobalt oxide (Co3O4) (1308-06-1)	
LC50 Fish	> 136 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 Crustacea	> 136 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Zinc (7440-66-6)	
EC50 Crustacea	0.169 mg/l
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
LC50 Fish	800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Crustacea	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 Algae	3.7 mg/l
Aluminum oxide (Al2O3) (1344-28-1)	
LC50 Fish	> 100 mg/l
EC50 Crustacea	> 100 mg/l
ErC50 Algae	> 100 mg/l
NOEC (Acute	> 50 mg/l
C.I. Food Red 15 (81-88-9)	
EC50 - Crustacea	22.9 mg/l
Distillates, petroleum, hydrodesulfurized middle (64742-80-9)	
LC50 Fish	35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
Solvent naphtha, petroleum, light aromatic (64742-95-6)	
LC50 Fish	9.22 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Crustacea	6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Polyethylene glycol branched nonylphenyl ether (68412-54-4)	
LC50 Fish	0.323 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
Ethylbenzene (100-41-4)	
LC50 Fish 1	11 – 18 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Crustacea	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])
NOEC Chronic Crustacea	0.956 mg/l
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
EC50 Crustacea 1	13000 mg/l (Exposure time: 48 h - Species: Daphnia species)
EC50 Crustacea 2	10330 – 16360 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
2-Butanone, oxime (96-29-7)	
LC50 Fish 1	777 – 914 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Crustacea	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	760 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])
ErC50 Algae	16 mg/l
NOEC Chronic Algae	2.6 mg/l

12.2. Persistence and Degradability

HEDRIX Touchup Pens & Bottles - Acrylic Enamel	
Persistence and Degradability	May cause long-term adverse effects in the environment.
Acetone (67-64-1)	
Persistence and Degradability	Readily biodegradable in water.
Copper (7440-50-8)	
Persistence and Degradability	Not readily biodegradable.

12.3. Bioaccumulative Potential

HEDRIX Touchup Pens & Bottles - Acrylic Enamel	
Bioaccumulative Potential	Not established.
2-Heptanone (110-43-0)	
Partition coefficient n-octanol/water (Log Pow)	2.26 (at 30 °C (at pH 7)
tert-Butyl acetate (540-88-5)	
Partition coefficient n-octanol/water (Log Pow)	1.64 (at 21.7 °C (at pH 5)

2-Pentanone, 4-methyl- (108-10-1)	
Partition coefficient n-octanol/water (Log Pow)	1.9 (at pH 6.7)
Propylene glycol monomethyl ether acetate (108-65-6)	
Partition coefficient n-octanol/water (Log Pow)	1.2 (at 20 °C (at pH 6.8)
Methyl ethyl ketone (78-93-3)	
Partition coefficient n-octanol/water (Log Pow)	0.3 (at 40 °C (at pH 7)
Acetone (67-64-1)	
BCF Fish	0,69 (dimensionless)
Partition coefficient n-octanol/water (Log Pow)	-0.24
Diacetone alcohol (123-42-2)	
Partition coefficient n-octanol/water (Log Pow)	1.03
Petroleum distillates, hydrotreated light (64742-47-8)	
BCF Fish	61 – 159
Silica, amorphous (7631-86-9)	
BCF Fish	(no bioaccumulation expected)
Cobalt oxide (Co3O4) (1308-06-1)	
BCF Fish	(no bioaccumulation)
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
BCF Fish	(bioaccumulation expected)
C.I. Food Red 15 (81-88-9)	
Partition coefficient n-octanol/water (Log Pow)	1.9 – 2
C.I. Basic Red 1 (989-38-8)	
Partition coefficient n-octanol/water (Log Pow)	0.1 (at 24 °C (at pH >=3.9-<=4.4)
Ethylbenzene (100-41-4)	
BCF Fish	15 (dimensionless)
Partition coefficient n-octanol/water (Log Pow)	3.6 (at 20 °C (at pH 7.84)
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)	
BCF Fish	0,14 (dimensionless)
Partition coefficient n-octanol/water (Log Pow)	-0.47 (at 26 °C)
2-Butanone, oxime (96-29-7)	
BCF Fish	2.5 – 5.8
Partition coefficient n-octanol/water (Log Pow)	0.65 (at 25 °C)

12.4. Mobility in Soil

No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials: This material is hazardous to the aquatic environment. Keep out of sewers and waterways. Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name : PAINT
Hazard Class : 3
Identification Number : UN1263
Label Codes : 3



Packing Group : II
Marine Pollutant : Marine pollutant
ERG Number : 128

14.2. In Accordance with IMDG

Proper Shipping Name : PAINT
Hazard Class : 3
Identification Number : UN1263
Label Codes : 3



Packing Group : II
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E
Marine pollutant : Marine pollutant

14.3. In Accordance with IATA

Proper Shipping Name : PAINT
Hazard Class : 3
Identification Number : UN1263
Label Codes : 3



Packing Group : II
ERG Code (IATA) : 3L

14.4. In Accordance with TDG

Proper Shipping Name : PAINT
Hazard Class : 3
Identification Number : UN1263
Label Codes : 3



Packing Group : II
Marine Pollutant (TDG) : Marine pollutant

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

HEDRIX Touchup Pens & Bottles - Acrylic Enamel	
SARA Section 311/312 Hazard Classes	Health hazard - Acute toxicity (any route of exposure) Health hazard - Carcinogenicity Health hazard - Reproductive toxicity Health hazard - Respiratory or skin sensitization Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation Health hazard - Specific target organ toxicity (single or repeated exposure) Physical hazard - Flammable (gases, aerosols, liquids, or solids)

2-Heptanone (110-43-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

tert-Butyl acetate (540-88-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
CERCLA RQ	5000 lb listed under Butyl acetate
2-Pentanone, 4-methyl- (108-10-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	5000 lb
SARA Section 313 - Emission Reporting	0.1 %
Propylene glycol monomethyl ether acetate (108-65-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.
Methyl ethyl ketone (78-93-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
CERCLA RQ	5000 lb
Acetone (67-64-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
CERCLA RQ	5000 lb
Titanium dioxide (13463-67-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Aluminum (7429-90-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1 % (dust or fume only)
Copper (7440-50-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	5000 lb no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 µm
SARA Section 313 - Emission Reporting	1 %
Diacetone alcohol (123-42-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Carbon black (1333-86-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Petroleum distillates, hydrotreated light (64742-47-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Silica, amorphous (7631-86-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Cobalt oxide (Co3O4) (1308-06-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Zinc (7440-66-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	454 kg no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is >100 µm
SARA Section 313 - Emission Reporting	1 % (dust or fume only)
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
Aluminum oxide (Al2O3) (1344-28-1)	

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1 % (fibrous forms)

C.I. Food Red 15 (81-88-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1 %

Manganese oxide (Mn3O4) (1317-35-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Quartz (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Poly(oxy-1,2-ethanediyl), .alpha.-(dinonylphenyl)-.omega.-hydroxy-, phosphate (39464-64-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Distillates, petroleum, hydrodesulfurized middle (64742-80-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Solvent naphtha, petroleum, light aromatic (64742-95-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched, phosphates (68412-53-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Polyethylene glycol branched nonylphenyl ether (68412-54-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
SARA Section 313 - Emission Reporting	1 %

Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-, phosphate (73038-25-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

Alcohols, C11-14-iso-, C13-rich, ethoxylated (78330-21-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

C.I. Basic Red 1 (989-38-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
SARA Section 313 - Emission Reporting	1 %

Ethylbenzene (100-41-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb
SARA Section 313 - Emission Reporting	0.1 %

1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Rutile (TiO2) (1317-80-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

2-Butanone, oxime (96-29-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

15.2. US State Regulations

HEDRIX Touchup Pens & Bottles - Acrylic Enamel()
State or local regulations

California Proposition 65

⚠ **WARNING:** This product can expose you to 2-Pentanone, 4-methyl-, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
2-Pentanone, 4-methyl- (108-10-1)	X	X		
Titanium dioxide (13463-67-7)	X			
Carbon black (1333-86-4)	X			
C.I. Food Red 15 (81-88-9)	X			
Quartz (14808-60-7)	X			
Ethylbenzene (100-41-4)	X			

2-Heptanone (110-43-0)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

tert-Butyl acetate (540-88-5)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

2-Pentanone, 4-methyl- (108-10-1)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Methyl ethyl ketone (78-93-3)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Acetone (67-64-1)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Titanium dioxide (13463-67-7)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

Aluminum (7429-90-5)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Copper (7440-50-8)

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

Diacetone alcohol (123-42-2)

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

Mica (12001-26-2)

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

Carbon black (1333-86-4)

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

Silica, amorphous (7631-86-9)

U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

Zinc (7440-66-6)

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

Aluminum oxide (Al2O3) (1344-28-1)

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

C.I. Food Red 15 (81-88-9)

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

Manganese oxide (Mn3O4) (1317-35-7)

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

Quartz (14808-60-7)

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

C.I. Basic Red 1 (989-38-8)

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

Ethylbenzene (100-41-4)

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

Rutile (TiO2) (1317-80-2)
U.S. - Pennsylvania - RTK (Right to Know) List

15.3. Canadian Regulations

2-Heptanone (110-43-0)
Listed on the Canadian DSL (Domestic Substances List)

tert-Butyl acetate (540-88-5)
Listed on the Canadian DSL (Domestic Substances List)

2-Pentanone, 4-methyl- (108-10-1)
Listed on the Canadian DSL (Domestic Substances List)

Propylene glycol monomethyl ether acetate (108-65-6)
Listed on the Canadian DSL (Domestic Substances List)

Methyl ethyl ketone (78-93-3)
Listed on the Canadian DSL (Domestic Substances List)

Acetone (67-64-1)
Listed on the Canadian DSL (Domestic Substances List)

Titanium dioxide (13463-67-7)
Listed on the Canadian DSL (Domestic Substances List)

Aluminum (7429-90-5)
Listed on the Canadian DSL (Domestic Substances List)

Copper (7440-50-8)
Listed on the Canadian DSL (Domestic Substances List)

Diacetone alcohol (123-42-2)
Listed on the Canadian DSL (Domestic Substances List)

Mica (12001-26-2)
Listed on the Canadian DSL (Domestic Substances List)

Carbon black (1333-86-4)
Listed on the Canadian DSL (Domestic Substances List)

Petroleum distillates, hydrotreated light (64742-47-8)
Listed on the Canadian DSL (Domestic Substances List)

Silica, amorphous (7631-86-9)
Listed on the Canadian DSL (Domestic Substances List)

Cobalt oxide (Co3O4) (1308-06-1)
Listed on the Canadian DSL (Domestic Substances List)

Zinc (7440-66-6)
Listed on the Canadian DSL (Domestic Substances List)

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)
Listed on the Canadian DSL (Domestic Substances List)

Aluminum oxide (Al2O3) (1344-28-1)
Listed on the Canadian DSL (Domestic Substances List)

C.I. Food Red 15 (81-88-9)
Listed on the Canadian DSL (Domestic Substances List)

Manganese oxide (Mn3O4) (1317-35-7)
Listed on the Canadian DSL (Domestic Substances List)

Quartz (14808-60-7)
Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-(dinonylphenyl)-.omega.-hydroxy-, phosphate (39464-64-7)
Listed on the Canadian DSL (Domestic Substances List)

Distillates, petroleum, hydrodesulfurized middle (64742-80-9)
Listed on the Canadian DSL (Domestic Substances List)
Solvent naphtha, petroleum, light aromatic (64742-95-6)
Listed on the Canadian DSL (Domestic Substances List)
Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched, phosphates (68412-53-3)
Listed on the Canadian DSL (Domestic Substances List)
Polyethylene glycol branched nonylphenyl ether (68412-54-4)
Listed on the Canadian DSL (Domestic Substances List)
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy-, phosphate (73038-25-2)
Listed on the Canadian DSL (Domestic Substances List)
Alcohols, C11-14-iso-, C13-rich, ethoxylated (78330-21-9)
Listed on the Canadian DSL (Domestic Substances List)
C.I. Basic Red 1 (989-38-8)
Listed on the Canadian DSL (Domestic Substances List)
Ethylbenzene (100-41-4)
Listed on the Canadian DSL (Domestic Substances List)
1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)- (77-99-6)
Listed on the Canadian DSL (Domestic Substances List)
Rutile (TiO2) (1317-80-2)
Listed on the Canadian DSL (Domestic Substances List)
2-Butanone, oxime (96-29-7)
Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 03/16/2026

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

H224	Extremely flammable liquid and vapor
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
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H334	May cause an allergy or asthma symptoms or breathing difficulties if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H350	May cause cancer
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child

H370	Causes damage to organs
H371	May cause 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
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
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.

NA GHS SDS 2015 (Can, US)