Vinyl Binder Satin

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 04/12/2018 Revision date: 04/12/2018 Supersedes: 04/12/2018 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Substance

Substance name : Vinyl Binder Satin

Product code : VBS180

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Color By Design, Inc.
407 W. Main
Haven, KS 67543
T 620-465-2600
info@colorbydesigninc.com

1.4. Emergency telephone number

Emergency number : 620-728-4044

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquids Category 2	Highly flammable liquid and vapour
Acute toxicity (oral) Category 4	Harmful if swallowed
Acute toxicity (dermal) Category 4	Harmful in contact with skin
Acute toxicity (inhalation:vapour) Category 4	Harmful if inhaled
Skin corrosion/irritation Category 2	Causes skin irritation
Serious eye damage/eye irritation Category 2	Causes serious eye irritation
Carcinogenicity Category 1A	May cause cancer
Specific target organ toxicity (single exposure) Category 3	May cause respiratory irritation
Specific target organ toxicity (single exposure) Category 3	May cause drowsiness or dizziness
Specific target organ toxicity (repeated exposure) Category 2	May cause damage to organs through prolonged or repeated exposure

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :

GHS02 GHS07 GHS08

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Highly flammable liquid and vapour
Harmful if swallowed, in contact with skin or if inhaled
Causes skin irritation
Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
May cause cancer
May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Ground/Bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting equipment
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust, fume, gas, mist, vapors, spray
Avoid breathing dust/fume/gas/mist/vapors/spray.

Wash hands, forearms and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Call a poison center or doctor if you feel unwell
If on skin: Wash with plenty of water
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical advice/attention.
Call a poison center or doctor if you feel unwell
Get medical advice/attention if you feel unwell.
Specific treatment (see supplemental first aid instruction on this label)
Specific treatment (see supplemental first aid instruction on this label)
Rinse mouth.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use media other than water to extinguish.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Name : Vinyl Binder Satin

Name	Product identifier	%	GHS US classification
Aromatic Hydrocarbon	(CAS-No.) 108-88-3	43 - 45.011	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
4-methyl-2-pentanone	(CAS-No.) 108-10-1	24 - 26	Flam. Liq. 2, H225 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Inhalation:vapour), H332 Eye Irrit. 2, H319 Carc. 2, H351 STOT SE 3, H335
talc	(CAS-No.) 14807-96-6	7.2 - 14	Carc. 2, H351
CAB 551-0.01 EASTMAN CELLULOSE ACETATE	(CAS-No.) 9004-36-8	6 - 8	Not classified
K-FLEX 188 (11-2339)		1 - 3	Not classified
Chlorite-group minerals	(CAS-No.) 1318-59-8	0.12 - 2.1	Not classified
Bentonite Clay	(CAS-No.) 14808-60-7	0.1 - 2	Carc. 1A, H350 STOT RE 2, H373
ethylbenzene	(CAS-No.) 100-41-4	0.0119 - 0.72	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304
Methyl Ethyl Ketoxime	(CAS-No.) 96-29-7	0.01 - 0.5	Flam. Liq. 4, H227 Acute Tox. 4 (Dermal), H312 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351
2-Phenoxyethanol	(CAS-No.) 122-99-6	0.002 - 0.231	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:vapour), H330 Eye Irrit. 2, H319
quartz, conc respirable crystalline silica≥10%	(CAS-No.) 14808-60-7	0.012 - 0.14	Carc. 1A, H350 STOT RE 1, H372
acetone, propan-2-one, propanone	(CAS-No.) 67-64-1	> 0.135	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Methanol	(CAS-No.) 67-56-1	> 0.09	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 STOT SE 1, H370
Polyether		0.0002 - 0.033	Flam. Liq. 3, H226
octamethylcyclotetrasiloxane	(CAS-No.) 556-67-2	0 - 0.011	Flam. Liq. 3, H226 Aquatic Chronic 4, H413
Zirconium Carboxylate	(CAS-No.) 22464-99-9	~ 0.0085	Not classified
Cobalt Carboxylate	(CAS-No.) 136-52-7	~ 0.008	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
2-Butoxyethanol	(CAS-No.) 111-76-2	~ 0.0075	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 3 (Inhalation:vapour), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Mineral Spirits (Stoddard Solvent)	(CAS-No.) 8052-41-3	~ 0.0055	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
2,2'-Bipyridine	(CAS-No.) 366-18-7	~ 0.0032	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331
vinyl chloride, inhibited	(CAS-No.) 75-01-4	> 0.00045	Flam. Gas 1, H220 Press. Gas (Liq.), H280 Carc. 1A, H350
Ethanol, 2-(2-butoxyethoxy)-	(CAS-No.) 112-34-5	~ 0.0003	Eye Irrit. 2, H319

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

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

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

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

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.

Symptoms/effects after skin contact : Irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

5.2. Specific hazards arising from the chemical

Fire hazard : Highly flammable liquid and vapour.

Reactivity : Highly flammable liquid and vapour.

5.3. Special protective equipment and precautions for fire-fighters

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

6.1.1. For non-emergency personnel

Emergency procedures : No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust, fume, gas, mist, vapors, spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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

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

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust, fume, gas, mist, vapors, spray. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Vinyl Binder Satin		
ACGIH	ACGIH TWA (ppm)	20 ppm
ACGIH	Remark (ACGIH)	Visual impair; female repro; pregnancy loss; A4; BEI
OSHA	Remark (OSHA)	(2) See Table Z-2.

Aromatic Hydrocarbon (108-88-3)		
ACGIH	ACGIH TWA (ppm)	20 ppm (Toluene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	Visual impair; female repro; pregnancy loss; A4; BEI
OSHA	Remark (OSHA)	(2) See Table Z-2.

Bentonite Clay (14808-60-7)		
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m³ (Respirable fraction)
OSHA	Remark (OSHA)	(3) See Table Z-3.

ethylbenzene (100-41-4)		
ACGIH	ACGIH TWA (ppm)	20 ppm (Ethyl benzene; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	URT irr; kidney dam (nephropathy)
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm

CAB 551-0.01 EASTMAN CELLULOSE ACETATE (9004-36-8)
Not applicable

K-FLEX 188 (11-2339)
Not applicable

4-methyl-2-pentanone (108-10-1)		
ACGIH	ACGIH TWA (ppm)	20 ppm (Methyl isobutyl ketone; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	75 ppm (Methyl isobutyl ketone; USA; Short time value; TLV - Adopted Value)
ACGIH	Remark (ACGIH)	URT irr; dizziness; headache
OSHA	OSHA PEL (TWA) (mg/m³)	410 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm

Zirconium Carboxylate (22464-99-9)		
Not applicable		

Mineral Spirits (Stoddard Solvent) (8052-41-3)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam; nausea; CNS impair
OSHA	OSHA PEL (TWA) (mg/m³)	2900 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)		
ACGIH	ACGIH TWA (ppm)	10 ppm

Cobalt Carboxylate (136-52-7)		
Not applicable		

2,2'-Bipyridine (366-18-7)		
Not applicable		

2-Butoxyethanol (111-76-2)		
ACGIH	ACGIH TWA (ppm)	20 ppm (2-Butoxyethanol (EGBE); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

2-Phenoxyethanol (122-99-6)		
Not applicable		

octamethylcyclotetrasiloxane (556-67-2)		
Not applicable		

Polyether		
Not applicable		

Methyl Ethyl Ketoxime (96-29-7)		
Not applicable		

Methanol (67-56-1)		
ACGIH	ACGIH TWA (ppm)	200 ppm (Methanol; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
ACGIH	ACGIH STEL (ppm)	250 ppm (Methanol; USA; Short time value; TLV - Adopted Value)

acetone, propan-2-one, propanone (67-64-1)		
Not applicable		

vinyl chloride, inhibited (75-01-4)		
ACGIH	ACGIH TWA (ppm)	1 ppm

talc (14807-96-6)		
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica) 0.1 fibers/cm³ (Respirable fibers: length > 5 µm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination)

quartz, conc respirable crystalline silica≥10% (14808-60-7)		
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m³ (Respirable fraction)

Chlorite-group minerals (1318-59-8)		
Not applicable		

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	clear
Odor	:	There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour(s): Aromatic odour Odourless Petroleum-like odour Sweet odour Mild odour Alcohol odour Pleasant odour Camphor odour Almost odourless Ether-like odour
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	230 - 243 °F
Flash point	:	41 °F TCC
Relative evaporation rate (butyl acetate=1)	:	1.9
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	22 mm Hg @20 C
Relative vapor density at 20 °C	:	No data available
Relative density	:	0 (0.98 - 1.1)
Specific gravity / density	:	0.986 g/cm³
Solubility	:	No data available
Log Pow	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosion limits	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Vinyl Binder Satin	
LD50 oral rat	500 mg/kg
LD50 dermal rat	> 1000 mg/kg
LC50 inhalation rat (ppm)	2000 - 4000
ATE US (oral)	500.000 mg/kg body weight
ATE US (dermal)	1100.000 mg/kg body weight
ATE US (gases)	2000.000 ppmV/4h
ATE US (vapors)	11.885 mg/l/4h

Aromatic Hydrocarbon (108-88-3)	
LD50 oral rat	> 2000 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 5580 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	12223 mg/kg (Rabbit; Literature study; Other; >5000 mg/kg bodyweight; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	> 20 mg/l/4h (Rat; Literature study)
ATE US (dermal)	12223.000 mg/kg body weight

Bentonite Clay (14808-60-7)	
LD50 oral rat	> 5000 mg/kg

ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg (Rat; Other; Experimental value)
LD50 dermal rabbit	15415 mg/kg (Rabbit; Literature study; Other; 15432 mg/kg; Rabbit; Experimental value)
LC50 inhalation rat (mg/l)	17.8 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	4000 ppm/4h (Rat; Literature study)
ATE US (oral)	3500.000 mg/kg body weight
ATE US (dermal)	15415.000 mg/kg body weight
ATE US (gases)	4000.000 ppmV/4h
ATE US (vapors)	17.800 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

CAB 551-0.01 EASTMAN CELLULOSE ACETATE (9004-36-8)	
LD50 oral rat	> 3200 mg/kg

4-methyl-2-pentanone (108-10-1)	
LD50 oral rat	2080 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	>= 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LD50 dermal rabbit	> 16000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	8.2- 16.4,Rat; Experimental value
LC50 inhalation rat (ppm)	2000 - 4000 ppm/4h (Rat; Experimental value)
ATE US (oral)	2080.000 mg/kg body weight
ATE US (dermal)	1100.000 mg/kg body weight
ATE US (gases)	2000.000 ppmV/4h
ATE US (vapors)	3.000 mg/l/4h

4-methyl-2-pentanone (108-10-1)	
ATE US (dust, mist)	0.500 mg/l/4h

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)	
LD50 dermal rabbit	2764 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male, Experimental value)
ATE US (oral)	2410.000 mg/kg body weight
ATE US (dermal)	2764.000 mg/kg body weight

Cobalt Carboxylate (136-52-7)	
LD50 oral rat	3129 mg/kg body weight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Weight of evidence)
ATE US (oral)	3129.000 mg/kg body weight

2,2'-Bipyridine (366-18-7)	
LD50 oral rat	100 mg/kg (Rat)
ATE US (oral)	100.000 mg/kg body weight
ATE US (gases)	700.000 ppmV/4h
ATE US (vapors)	3.000 mg/l/4h
ATE US (dust, mist)	0.500 mg/l/4h

2-Butoxyethanol (111-76-2)	
LD50 oral rat	1746 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)
LD50 dermal rat	> 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	2.2 mg/l/4h (Rat; Experimental value)
LC50 inhalation rat (ppm)	450 ppm/4h (Rat; Experimental value)
ATE US (oral)	1746.000 mg/kg body weight
ATE US (dermal)	1100.000 mg/kg body weight
ATE US (gases)	450.000 ppmV/4h
ATE US (vapors)	2.200 mg/l/4h
ATE US (dust, mist)	2.200 mg/l/4h

2-Phenoxyethanol (122-99-6)	
LD50 oral rat	1850 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value)
LD50 dermal rat	14422 mg/kg (Rat)
LC50 inhalation rat (mg/l)	> 1 mg/l (OECD 412: Repeated Dose Inhalation Toxicity:28/14-Day, 6 h, Rat, Male/female, Experimental value)
ATE US (oral)	1850.000 mg/kg body weight
ATE US (dermal)	14422.000 mg/kg body weight
ATE US (vapors)	0.500 mg/l/4h

octamethylcyclotetrasiloxane (556-67-2)	
LD50 oral rat	> 4800 mg/kg (Equivalent or similar to OECD 401, Rat, Male, Experimental value)
LD50 dermal rat	> 2400 mg/kg body weight (Equivalent or similar to OECD 402, Rat, Male/female, Experimental value)
LC50 inhalation rat (mg/l)	36 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value)
ATE US (vapors)	36.000 mg/l/4h
ATE US (dust, mist)	36.000 mg/l/4h

Methyl Ethyl Ketoxime (96-29-7)	
LD50 oral rat	2326 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value)
LD50 dermal rabbit	> 1000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male/female, Experimental value)
LC50 inhalation rat (mg/l)	> 4.83 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Experimental value)
ATE US (oral)	2326.000 mg/kg body weight
ATE US (dermal)	1100.000 mg/kg body weight

Methanol (67-56-1)	
ATE US (oral)	100.000 mg/kg body weight

Methanol (67-56-1)	
ATE US (dermal)	300.000 mg/kg body weight
ATE US (gases)	700.000 ppmV/4h
ATE US (vapors)	3.000 mg/l/4h
ATE US (dust, mist)	0.500 mg/l/4h

vinyl chloride, inhibited (75-01-4)	
LC50 inhalation rat (mg/l)	195000 mg/m³ air (Other, 4 h, Rat, Experimental value)

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : May cause cancer.

Aromatic Hydrocarbon (108-88-3)	
IARC group	3 - Not classifiable

Bentonite Clay (14808-60-7)	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	2 - Known Human Carcinogens

ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans

4-methyl-2-pentanone (108-10-1)	
IARC group	2B - Possibly carcinogenic to humans

2-Butoxyethanol (111-76-2)	
IARC group	3 - Not classifiable

vinyl chloride, inhibited (75-01-4)	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	2 - Known Human Carcinogens

talc (14807-96-6)	
IARC group	3 - Not classifiable, 2B - Possibly carcinogenic to humans

quartz, conc respirable crystalline silica≥10% (14808-60-7)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified
Specific target organ toxicity – single exposure : May cause respiratory irritation. May cause drowsiness or dizziness.

Specific target organ toxicity – repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : Irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

ethylbenzene (100-41-4)	
LC50 fish 2	4.2 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri; Semi-static system; Fresh water; Experimental value)

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)	
LC50 fish 1	1300 mg/l (Equivalent or similar to OECD 203, 96 h, Lepomis macrochirus, Static system, Fresh water, Experimental value)
EC50 Daphnia 1	4950 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

Cobalt Carboxylate (136-52-7)	
LC50 fish 1	1.512 mg/l (ASTM, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Read-across)
EC50 other aquatic organisms 1	1703 mg/kg dwt (ASTM, 28 day(s), Tubifex tubifex, Semi-static system, Fresh water, Read-across)
LC50 fish 2	54.1 mg/l (ASTM, 96 h, Pimephales promelas, Flow-through system, Fresh water, Read-across)
ErC50 (algae)	144 µg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across)

2-Butoxyethanol (111-76-2)	
LC50 fish 1	1474 ppm (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss; Static system; Fresh water; Experimental value)
EC50 Daphnia 1	1550 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 1	911 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)
Threshold limit algae 2	88 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)

2-Phenoxyethanol (122-99-6)	
LC50 fish 1	220 - 460 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value)
EC50 Daphnia 1	> 500 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
ErC50 (algae)	625 mg/l (EU Method C.3, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value)

octamethylcyclotetrasiloxane (556-67-2)	
LC50 fish 1	> 0.022 mg/l (EPA OTS 797.1400, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	> 0.015 mg/l (EPA OTS 797.1300, 48 h, Daphnia magna, Flow-through system, Fresh water, Experimental value)

Methyl Ethyl Ketoxime (96-29-7)	
LC50 fish 1	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oryzias latipes, Semi-static system, Fresh water, Experimental value)
EC50 Daphnia 1	201 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

Methanol (67-56-1)	
EC50 Daphnia 1	24500 mg/l (EC50; 48 h)
LC50 fish 2	10800 mg/l (LC50; 96 h)

vinyl chloride, inhibited (75-01-4)	
LC50 fish 1	210 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Semi-static system, Fresh water, Experimental value)

talc (14807-96-6)	
LC50 fish 1	> 100 g/l (24 h, Brachydanio rerio, Semi-static system)

12.2. Persistence and degradability

Aromatic Hydrocarbon (108-88-3)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical oxygen demand (BOD)	2.15 g O_2/g substance
Chemical oxygen demand (COD)	2.52 g O_2/g substance
ThOD	3.13 g O_2/g substance
BOD (% of ThOD)	0.69

Bentonite Clay (14808-60-7)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

ethylbenzene (100-41-4)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical oxygen demand (BOD)	1.44 g O_2/g substance (20d.)
Chemical oxygen demand (COD)	2.1 g O_2/g substance
ThOD	3.17 g O_2/g substance
BOD (% of ThOD)	45.4 (20 days)

4-methyl-2-pentanone (108-10-1)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Low potential for adsorption in soil. Photolysis in the air.
Biochemical oxygen demand (BOD)	2.06 g O_2/g substance
Chemical oxygen demand (COD)	2.16 g O_2/g substance
ThOD	2.72 g O_2/g substance
BOD (% of ThOD)	0.76

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)	
Persistence and degradability	Readily biodegradable in water.

Cobalt Carboxylate (136-52-7)	
Persistence and degradability	Readily biodegradable in water.

2,2'-Bipyridine (366-18-7)	
Persistence and degradability	Biodegradability in water: no data available.

2-Butoxyethanol (111-76-2)	
Persistence and degradability	Readily biodegradable in water. Low potential for adsorption in soil. Photooxidation in the air.

2-Phenoxyethanol (122-99-6)	
Persistence and degradability	Readily biodegradable in water.
ThOD	2.47 g O_2/g substance
BOD (% of ThOD)	0.75 (20 day(s), Literature study)

octamethylcyclotetrasiloxane (556-67-2)	
Persistence and degradability	Not readily biodegradable in water.

Methyl Ethyl Ketoxime (96-29-7)	
Persistence and degradability	Inherently biodegradable.

Methanol (67-56-1)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the components available.
Biochemical oxygen demand (BOD)	0.6 - 1.12 g O_2/g substance
Chemical oxygen demand (COD)	1.42 g O_2/g substance
ThOD	1.5 g O_2/g substance
BOD (% of ThOD)	0.40 - 0.73

vinyl chloride, inhibited (75-01-4)	
Persistence and degradability	Biodegradable in the soil. Not readily biodegradable in water. Biodegradable in water.
Biochemical oxygen demand (BOD)	0 g O_2/g substance

vinyl chloride, inhibited (75-01-4)	
BOD (% of ThOD)	0

talc (14807-96-6)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

quartz, conc respirable crystalline silica≥10% (14808-60-7)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

Aromatic Hydrocarbon (108-88-3)	
BCF fish 2	90 (BCF; 72 h; Leuciscus idus; Static system; Fresh water)
Log Pow	2.73 (Experimental value; Other; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Bentonite Clay (14808-60-7)	
Bioaccumulative potential	No bioaccumulation data available.

ethylbenzene (100-41-4)	
BCF fish 1	1 (BCF; Other; 6 weeks; Oncorhynchus kisutch; Flow-through system; Salt water; Literature study)
BCF fish 2	15 - 79 (BCF)
BCF other aquatic organisms 1	4.68 (BCF)
Log Pow	3.15 (Experimental value; 3.6; Experimental value; EU Method A.8: Partition Coefficient; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

4-methyl-2-pentanone (108-10-1)	
BCF fish 1	2 - 5 (BCF)
Log Pow	1.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Mineral Spirits (Stoddard Solvent) (8052-41-3)	
Log Pow	3.16 - 7.06

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)	
Log Pow	1 (Experimental value, Equivalent or similar to OECD 107, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Cobalt Carboxylate (136-52-7)	
BCF fish 1	1.2 (131 day(s), Seriola quinqueradiata, Static system, Salt water, Read-across, Fresh weight)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

2,2'-Bipyridine (366-18-7)	
Log Pow	1.5 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2-Butoxyethanol (111-76-2)	
Log Pow	0.81 (Test data; 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

2-Phenoxyethanol (122-99-6)	
BCF other aquatic organisms 1	0.349 (Calculated value)
Log Pow	1.2 (Experimental value, EU Method A.8: Partition Coefficient, 23 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

octamethylcyclotetrasiloxane (556-67-2)	
BCF fish 1	12400 (Other, 672 h, Pimephales promelas, Flow-through system, Experimental value, GLP)
Log Pow	4.45 - 5.1 (Literature)
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).

Methyl Ethyl Ketoxime (96-29-7)	
BCF fish 1	0.5 - 5.8 (OECD 305: Bioconcentration: Flow-Through Fish Test, 42 day(s), Cyprinus carpio, Fresh water, Experimental value, GLP)
Log Pow	0.63 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Methanol (67-56-1)	
BCF fish 1	< 10 (BCF)
Log Pow	-0.82 - -0.66
Bioaccumulative potential	No test data of component(s) available.

vinyl chloride, inhibited (75-01-4)	
Log Pow	1.58 (Test data, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 22 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

Aromatic Hydrocarbon (108-88-3)	
Surface tension	0.03 N/m (20 °C)

Bentonite Clay (14808-60-7)	
Ecology - soil	Low potential for mobility in soil.

ethylbenzene (100-41-4)	
Surface tension	0.029 N/m
Log Koc	log Koc,PCKOCWIN v1.66; 2.71; Calculated value; Koc; PCKOCWIN v1.66; 517.8; Calculated value

4-methyl-2-pentanone (108-10-1)	
Surface tension	0.024 N/m (20 °C)
Log Koc	Koc,101.85; Weight of evidence; Calculated value; log Koc; 2.008; Weight of evidence; Calculated value

Mineral Spirits (Stoddard Solvent) (8052-41-3)	
Log Koc	2.85 - 6.74 (log Koc)

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)	
Surface tension	27 mN/m (25 °C, 0.00212 mol/g)
Ecology - soil	Low potential for adsorption in soil.

Cobalt Carboxylate (136-52-7)	
Surface tension	0.064 N/m (20 °C, 1 g/l)
Ecology - soil	No (test)data on mobility of the substance available.

2-Butoxyethanol (111-76-2)	
Surface tension	0.065 N/m (20 °C; Calculated value)

2-Phenoxyethanol (122-99-6)	
Surface tension	70.7 mN/m (19.9 °C, 1 g/l)
Log Koc	1.6 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Highly mobile in soil.

octamethylcyclotetrasiloxane (556-67-2)	
Log Koc	4.22 (log Koc, OECD 106: Adsorption/Desorption Using a Batch Equilibrium Method, Experimental value, GLP)
Ecology - soil	Low potential for mobility in soil.

Methyl Ethyl Ketoxime (96-29-7)	
Log Koc	0.55 (log Koc, SRC PCKOCWIN v2.0, QSAR)
Ecology - soil	Highly mobile in soil.

vinyl chloride, inhibited (75-01-4)	
Log Koc	1.4 (log Koc, SRC PCKOCWIN v1.66, QSAR)
Ecology - soil	Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation.

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.
GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1263 Paint, 3, III

UN-No.(DOT) : UN1263
Proper Shipping Name (DOT) : Paint
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT) : III - Minor Danger
Hazard labels (DOT) : 3 - Flammable liquid

DOT Packaging Non Bulk (49 CFR 173.xxx) : 173
DOT Packaging Bulk (49 CFR 173.xxx) : 242
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 Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
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.

Transportation of Dangerous Goods

Not applicable

Transport by sea

Transport document description (IMDG)	:	UN 1263 PAINT, 3, III
UN-No. (IMDG)	:	1263
Proper Shipping Name (IMDG)	:	PAINT
Class (IMDG)	:	3 - Flammable liquids
Packing group (IMDG)	:	III - substances presenting low danger
Limited quantities (IMDG)	:	5 L

Air transport

Transport document description (IATA)	:	UN 1263 Paint, 3, III
UN-No. (IATA)	:	1263
Proper Shipping Name (IATA)	:	Paint
Class (IATA)	:	3 - Flammable Liquids
Packing group (IATA)	:	III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

Aromatic Hydrocarbon (108-88-3)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb

Bentonite Clay (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

ethylbenzene (100-41-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb

CAB 551-0.01 EASTMAN CELLULOSE ACETATE (9004-36-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

4-methyl-2-pentanone (108-10-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	5000 lb

Zirconium Carboxylate (22464-99-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Mineral Spirits (Stoddard Solvent) (8052-41-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Cobalt Carboxylate (136-52-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

2,2'-Bipyridine (366-18-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

2-Butoxyethanol (111-76-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

2-Phenoxyethanol (122-99-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

octamethylcyclotetrasiloxane (556-67-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a final TSCA section 4 test rule.

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

Methyl Ethyl Ketoxime (96-29-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Methanol (67-56-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	5000 lb

acetone, propan-2-one, propanone (67-64-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	5000 lb

vinyl chloride, inhibited (75-01-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1 lb

talc (14807-96-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

quartz, conc respirable crystalline silica≥10% (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Chlorite-group minerals (1318-59-8)
Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Aromatic Hydrocarbon (108-88-3)
Listed on the Canadian DSL (Domestic Substances List)

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

ethylbenzene (100-41-4)
Listed on the Canadian DSL (Domestic Substances List)

CAB 551-0.01 EASTMAN CELLULOSE ACETATE (9004-36-8)
Listed on the Canadian DSL (Domestic Substances List)

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

Zirconium Carboxylate (22464-99-9)
Listed on the Canadian DSL (Domestic Substances List)

Mineral Spirits (Stoddard Solvent) (8052-41-3)
Listed on the Canadian DSL (Domestic Substances List)

Ethanol, 2-(2-butoxyethoxy)- (112-34-5)
Listed on the Canadian DSL (Domestic Substances List)

Cobalt Carboxylate (136-52-7)
Listed on the Canadian DSL (Domestic Substances List)

2,2'-Bipyridine (366-18-7)
Listed on the Canadian DSL (Domestic Substances List)

2-Butoxyethanol (111-76-2)
Listed on the Canadian DSL (Domestic Substances List)

2-Phenoxyethanol (122-99-6)
Listed on the Canadian DSL (Domestic Substances List)

octamethylcyclotetrasiloxane (556-67-2)
Listed on the Canadian DSL (Domestic Substances List)

Methyl Ethyl Ketoxime (96-29-7)
Listed on the Canadian DSL (Domestic Substances List)

Methanol (67-56-1)
Listed on the Canadian DSL (Domestic Substances List)

acetone, propan-2-one, propanone (67-64-1)
Listed on the Canadian DSL (Domestic Substances List)

vinyl chloride, inhibited (75-01-4)
Listed on the Canadian DSL (Domestic Substances List)

talc (14807-96-6)
Listed on the Canadian DSL (Domestic Substances List)

quartz, conc respirable crystalline silica≥10% (14808-60-7)
Listed on the Canadian DSL (Domestic Substances List)

Chlorite-group minerals (1318-59-8)
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations
No additional information available

National regulations

Bentonite Clay (14808-60-7)
Listed on IARC (International Agency for Research on Cancer)

ethylbenzene (100-41-4)
Listed on IARC (International Agency for Research on Cancer)

4-methyl-2-pentanone (108-10-1)
Listed on IARC (International Agency for Research on Cancer)

vinyl chloride, inhibited (75-01-4)
Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

quartz, conc respirable crystalline silica≥10% (14808-60-7)
Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

Aromatic Hydrocarbon (108-88-3)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	No	No	7000

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

4-methyl-2-pentanone (108-10-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	Yes	No	No	

Methanol (67-56-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	No	No	

vinyl chloride, inhibited (75-01-4)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	3

Aromatic Hydrocarbon (108-88-3)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Bentonite Clay (14808-60-7)
U.S. - New Jersey - Right to Know Hazardous Substance List

ethylbenzene (100-41-4)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

4-methyl-2-pentanone (108-10-1)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Mineral Spirits (Stoddard Solvent) (8052-41-3)
U.S. - New Jersey - Right to Know Hazardous Substance List

2-Butoxyethanol (111-76-2)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

2-Phenoxyethanol (122-99-6)
U.S. - Pennsylvania - RTK (Right to Know) List

Methanol (67-56-1)

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

acetone, propan-2-one, propanone (67-64-1)

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

vinyl chloride, inhibited (75-01-4)

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

talc (14807-96-6)

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

quartz, conc respirable crystalline silica≥10% (14808-60-7)

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

SECTION 16: Other information

Revision date : 04/12/2018

Full text of H-phrases:

H220	Extremely flammable gas
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
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
H330	Fatal if inhaled
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
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
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

SDS US (GHS HazCom 2012)

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