Gray Epoxy (1:1)

Safety Data Sheet

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

Date of issue: 02/08/2019 Revision date: 02/08/2019 Supersedes: 02/08/2019 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Substance

Substance name : Gray Epoxy (1:1)

Product code : FOR1 8211

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
Skin corrosion/irritation Category 2	Causes skin irritation
Skin sensitization, Category 1	May cause an allergic skin reaction
Germ cell mutagenicity Category 1B	May cause genetic defects
Carcinogenicity Category 1A	May cause cancer
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
Causes skin irritation
May cause an allergic skin reaction
May cause genetic defects
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.
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves/protective clothing/eye protection/face protection.
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 exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.
Specific treatment (see supplemental first aid instruction on this label)
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.
In case of fire: Use media other than water to extinguish.
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 : Gray Epoxy (1:1)

Name	Product identifier	%	GHS US classification
poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348	(CAS-No.) 25036-25-3	17.5 - 24.3	Skin Sens. 1, H317
Magnesium Silicate	(CAS-No.) 1317-65-3	21.67 - 23.64	Not classified
4-methyl-2-pentanone	(CAS-No.) 108-10-1	10.2 - 14.25	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
Aromatic Hydrocarbon	(CAS-No.) 1330-20-7	6.64 - 13.35	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315
talc	(CAS-No.) 14807-96-6	5.4 - 11	Carc. 2, H351
Titanium Dioxide	(CAS-No.) 13463-67-7	4 - 6	Carc. 2, H351
AROMATIC HYDROCARBON	(CAS-No.) 108-88-3	4.14 - 5.25	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Chlorite-group minerals	(CAS-No.) 1318-59-8	0.9 - 3.3	Not classified
trizinc bis(orthophosphate)	(CAS-No.) 7779-90-0	1 - 3	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
zinc oxide	(CAS-No.) 1314-13-2	0.4 - 1.5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
D-100	(CAS-No.) 64742-95-6	1 - 1.5	Flam. Liq. 2, H225 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
dolomite	(CAS-No.) 16389-88-1	0.45 - 1.1	Not classified
YELLOW IRON OXIDE	(CAS-No.) 51274-00-1	0.1 - 1	Eye Irrit. 2B, H320 STOT SE 3, H335
Fumed Silica	(CAS-No.) 112945-52-5	0.1 - 1	Not classified
2-Butoxyethanol	(CAS-No.) 111-76-2	0.1 - 1	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
ethylbenzene	(CAS-No.) 100-41-4	0.08 - 0.7	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304
magnesium carbonate	(CAS-No.) 546-93-0	0.09 - 0.55	Not classified
CARBON BLACK	(CAS-No.) 1333-86-4	0.1 - 0.5	Carc. 2, H351
Fumed Silica	(CAS-No.) 68611-44-9	0.01 - 0.5	Not classified
Glycidoxypropyltrimethoxysilane	(CAS-No.) 2530-83-8	0.01 - 0.5	Eye Dam. 1, H318
solvent naphtha (petroleum), light aromatic	(CAS-No.) 64742-95-6	> 0.4554	Flam. Liq. 2, H225 Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
quartz, conc respirable crystalline silica≥10%	(CAS-No.) 14808-60-7	> 0.22	Carc. 1A, H350 STOT RE 1, H372

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.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

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

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

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

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

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

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 : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing 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. 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. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. 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

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium Dioxide (13463-67-7)		
ACGIH	ACGIH TWA (mg/m³)	1 mg/m³
ACGIH	Remark (ACGIH)	LRT irr; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³

CARBON BLACK (1333-86-4)		
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³
ACGIH	Remark (ACGIH)	Bronchitis
OSHA	OSHA PEL (TWA) (mg/m³)	3.5 mg/m³

YELLOW IRON OXIDE (51274-00-1)		
ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
OSHA	OSHA PEL (TWA) (mg/m³)	10 mg/m³

trizinc bis(orthophosphate) (7779-90-0)
Not applicable

zinc oxide (1314-13-2)		
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (Respirable fraction)
ACGIH	ACGIH STEL (mg/m³)	10 mg/m³ (Respirable fraction)

Magnesium Silicate (1317-65-3)
Not applicable

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

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)

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

dolomite (16389-88-1)		
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (Respirable fraction)

magnesium carbonate (546-93-0)
Not applicable

Fumed Silica (112945-52-5)
Not applicable

Fumed Silica (68611-44-9)		
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (Respirable fraction)

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

poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348 (25036-25-3)
Not applicable

D-100 (64742-95-6)
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

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)

Glycidoxypropyltrimethoxysilane (2530-83-8)
Not applicable

Aromatic Hydrocarbon (1330-20-7)
Not applicable

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.

solvent naphtha (petroleum), light aromatic (64742-95-6)		
ACGIH	ACGIH TWA (mg/m³)	200 mg/m³
ACGIH	ACGIH TWA (ppm)	200 ppm
OSHA	OSHA PEL (TWA) (ppm)	200
OSHA	OSHA PEL (STEL) (ppm)	500

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	:	Mixture contains one or more component(s) which have the following colour(s): Pure substance: white Unpurified: coloured Dark grey to black Yellow Colourless to white White to light yellow White White to light grey White to dark grey Colourless Colourless to light yellow No data available on colour
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): Odourless Petroleum-like odour Sweet odour Aromatic odour Pleasant odour No data available on odour Camphor odour Irritating/pungent odour Mild odour Alcohol odour Ester smell
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	237 - 343 °F
Flash point	:	60 °F TCC
Relative evaporation rate (butyl acetate=1)	:	0.06
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	15 mm Hg @20 C
Relative vapor density at 20 °C	:	No data available
Relative density	:	1.35 - 1.38
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

The product is non-reactive under normal conditions of use, storage and transport.

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

None under recommended storage and handling conditions (see section 7).

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 : Not classified

Titanium Dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg body weight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value)
LC50 inhalation rat (mg/l)	> 6.82 mg/l (Other, 4 h, Rat, Male, Experimental value)

CARBON BLACK (1333-86-4)	
LD50 oral rat	> 8000 mg/kg (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit, Literature study)
LC50 inhalation rat (mg/l)	> 4.6 mg/l air (4 h, Rat, Experimental value)

YELLOW IRON OXIDE (51274-00-1)	
LD50 oral rat	> 10000 mg/kg body weight (Rat, Male, Experimental value)
LD50 dermal rat	5500 mg/kg
ATE US (dermal)	5500.000 mg/kg body weight

trizinc bis(orthophosphate) (7779-90-0)	
LD50 oral rat	> 5000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Experimental value)
LC50 inhalation rat (mg/l)	> 5410 mg/m³ air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Read-across)

zinc oxide (1314-13-2)	
LD50 oral rat	> 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value)
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value)
LC50 inhalation rat (mg/l)	> 5.7 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Experimental value)

Magnesium Silicate (1317-65-3)	
LD50 oral rat	6450 mg/kg (Rat, Literature study)
ATE US (oral)	6450.000 mg/kg body weight

magnesium carbonate (546-93-0)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value)

Fumed Silica (112945-52-5)	
LD50 oral rat	3160 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	3160.000 mg/kg body weight

Fumed Silica (68611-44-9)	
LD50 oral rat	> 5000 mg/kg (Rat, Literature study)

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

poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348 (25036-25-3)	
LD50 oral rat	11400 mg/kg (Rat)
ATE US (oral)	11400.000 mg/kg body weight

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)

4-methyl-2-pentanone (108-10-1)	
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
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

Glycidoxypropyltrimethoxysilane (2530-83-8)	
LD50 oral rat	8025 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value)
LD50 dermal rabbit	4250 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value)
LC50 inhalation rat (mg/l)	> 5.3 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male/female, Experimental value)
ATE US (oral)	8025.000 mg/kg body weight
ATE US (dermal)	4250.000 mg/kg body weight

Aromatic Hydrocarbon (1330-20-7)	
LD50 oral rat	> 3608 mg/kg (Rat)
ATE US (dermal)	1100.000 mg/kg body weight
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

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

solvent naphtha (petroleum), light aromatic (64742-95-6)	
LD50 oral rat	3492 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 inhalation rat (ppm)	> 6193 ppm/4h
ATE US (oral)	3492.000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

Titanium Dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

CARBON BLACK (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans

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

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

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

Aromatic Hydrocarbon (1330-20-7)	
IARC group	3 - Not classifiable

AROMATIC HYDROCARBON (108-88-3)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

solvent naphtha (petroleum), light aromatic (64742-95-6)	
Target organ(s)	liver kidneys central nervous system

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

Aspiration hazard : Not classified

Symptoms/effects after skin contact : May cause an allergic skin reaction.

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.

Titanium Dioxide (13463-67-7)	
LC50 fish 1	> 100 mg/l (Equivalent or similar to OECD 203, 96 h, Oncorhynchus mykiss, Static system, Experimental value)

CARBON BLACK (1333-86-4)	
LC50 fish 1	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Literature study)
EC50 Daphnia 1	> 5600 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Experimental value)

trizinc bis(orthophosphate) (7779-90-0)	
LC50 fish 1	0.169 mg/l (ASTM E729-88, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Read-across)

zinc oxide (1314-13-2)	
LC50 fish 1	0.169 mg/l (ASTM E729-88, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Read-across)

zinc oxide (1314-13-2)	
EC50 Daphnia 1	1 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)

Magnesium Silicate (1317-65-3)	
LC50 fish 1	> 10000 mg/l (96 h, Oncorhynchus mykiss, Literature)
EC50 Daphnia 1	> 1000 mg/l (48 h, Daphnia magna, Literature)

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

magnesium carbonate (546-93-0)	
LC50 fish 1	2120 - 2820 mg/l (96 h, Pimephales promelas, Static system, Fresh water, Read-across)

Fumed Silica (68611-44-9)	
LC50 fish 1	> 10000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Brachydanio rerio, Experimental value)
EC50 Daphnia 1	> 10000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Experimental value)

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)

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)

Glycidoxypropyltrimethoxysilane (2530-83-8)	
LC50 fish 1	55 mg/l (EU Method C.1, 96 h, Cyprinus carpio, Semi-static system, Fresh water, Experimental value)
EC50 Daphnia 1	473 - 710 mg/l (48 h, Daphnia magna, Literature)
LC50 fish 2	237 mg/l (96 h, Salmo gairdneri, Static system, Literature)
ErC50 (algae)	350 mg/l (72 h, Selenastrum capricornutum, Literature)

Aromatic Hydrocarbon (1330-20-7)	
LC50 fish 1	2.6 - 8.4 mg/l (Salmo gairdneri)
EC50 Daphnia 1	1.4 - 4.7 mg/l (48 h, Daphnia magna)

12.2. Persistence and degradability

Titanium Dioxide (13463-67-7)	
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

CARBON BLACK (1333-86-4)	
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

YELLOW IRON OXIDE (51274-00-1)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)

YELLOW IRON OXIDE (51274-00-1)	
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)
BOD (% of ThOD)	Not applicable (inorganic)

trizinc bis(orthophosphate) (7779-90-0)	
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

zinc oxide (1314-13-2)	
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Magnesium Silicate (1317-65-3)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

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

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

dolomite (16389-88-1)	
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

magnesium carbonate (546-93-0)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable (inorganic)
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Fumed Silica (112945-52-5)	
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

Fumed Silica (68611-44-9)	
Persistence and degradability	Biodegradability: not applicable.

ethylbenzene (100-41-4)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.

ethylbenzene (100-41-4)	
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)

poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348 (25036-25-3)	
Persistence and degradability	Biodegradability in water: no data available.

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

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

Glycidoxypropyltrimethoxysilane (2530-83-8)	
Persistence and degradability	Not readily biodegradable in water.

Aromatic Hydrocarbon (1330-20-7)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.40 - 2.53 g O_2/g substance
Chemical oxygen demand (COD)	2.56 - 2.91 g O_2/g substance
ThOD	3.1 g O_2/g substance
BOD (% of ThOD)	0.44 - 0.816

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

12.3. Bioaccumulative potential

Titanium Dioxide (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.

CARBON BLACK (1333-86-4)	
Bioaccumulative potential	Not bioaccumulative.

YELLOW IRON OXIDE (51274-00-1)	
Bioaccumulative potential	No bioaccumulation data available.

trizinc bis(orthophosphate) (7779-90-0)	
BCF other aquatic organisms 1	116 - 60960 (21 day(s), Gammarus sp., Semi-static system, Salt water, Read-across, Fresh weight)
Bioaccumulative potential	High potential for bioaccumulation (BCF > 5000).

zinc oxide (1314-13-2)	
Log Pow	1.53 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.

Magnesium Silicate (1317-65-3)	
Bioaccumulative potential	Bioaccumulation: not applicable.

dolomite (16389-88-1)	
Bioaccumulative potential	No bioaccumulation data available.

magnesium carbonate (546-93-0)	
Bioaccumulative potential	No bioaccumulation data available.

Fumed Silica (112945-52-5)	
Bioaccumulative potential	Not bioaccumulative.

Fumed Silica (68611-44-9)	
Bioaccumulative potential	Not bioaccumulative.

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).

poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348 (25036-25-3)	
Bioaccumulative potential	No bioaccumulation data available.

D-100 (64742-95-6)	
Log Pow	2.1 - 6

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).

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

Glycidoxypropyltrimethoxysilane (2530-83-8)	
Log Pow	-0.92 (Estimated value)
Bioaccumulative potential	Not bioaccumulative.

Aromatic Hydrocarbon (1330-20-7)	
BCF fish 1	14.1 - 24 (Pisces)
BCF fish 2	14.1 - 15 (Carassius auratus)
Log Pow	3.15 - 3.3 (Calculated)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

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).

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

12.4. Mobility in soil

Titanium Dioxide (13463-67-7)	
Ecology - soil	Low potential for mobility in soil.

CARBON BLACK (1333-86-4)	
Ecology - soil	Adsorbs into the soil. Not toxic to plants. Not toxic to animals.

YELLOW IRON OXIDE (51274-00-1)	
Surface tension	Not applicable (solid)
Ecology - soil	Adsorbs into the soil.

trizinc bis(orthophosphate) (7779-90-0)	
Ecology - soil	Adsorbs into the soil.

zinc oxide (1314-13-2)	
Surface tension	Not applicable (solid)
Log Koc	2.2 (log Koc, Literature study)
Ecology - soil	Low potential for adsorption in soil.

Magnesium Silicate (1317-65-3)	
Ecology - soil	No (test)data on mobility of the substance available.

magnesium carbonate (546-93-0)	
Ecology - soil	No (test)data on mobility of the substance available.

Fumed Silica (68611-44-9)	
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

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

Glycidoxypropyltrimethoxysilane (2530-83-8)	
Ecology - soil	No (test)data on mobility of the substance available.

Aromatic Hydrocarbon (1330-20-7)	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.

AROMATIC HYDROCARBON (108-88-3)	
Surface tension	0.03 N/m (20 °C)

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.

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

Titanium Dioxide (13463-67-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

CARBON BLACK (1333-86-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

YELLOW IRON OXIDE (51274-00-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

trizinc bis(orthophosphate) (7779-90-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

zinc oxide (1314-13-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Magnesium Silicate (1317-65-3)	
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	

talc (14807-96-6)	
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	

dolomite (16389-88-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

magnesium carbonate (546-93-0)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Fumed Silica (112945-52-5)	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	

Fumed Silica (68611-44-9)	
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

poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348 **(25036-25-3)**	
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).

D-100 (64742-95-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

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

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

Glycidoxypropyltrimethoxysilane (2530-83-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

Aromatic Hydrocarbon (1330-20-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	100 lb

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

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

15.2. International regulations

CANADA

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

CARBON BLACK (1333-86-4)
Listed on the Canadian DSL (Domestic Substances List)

YELLOW IRON OXIDE (51274-00-1)
Listed on the Canadian DSL (Domestic Substances List)

trizinc bis(orthophosphate) (7779-90-0)
Listed on the Canadian DSL (Domestic Substances List)

zinc oxide (1314-13-2)
Listed on the Canadian DSL (Domestic Substances List)

Magnesium Silicate (1317-65-3)
Listed on the Canadian NDSL (Non-Domestic Substances List)

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

talc (14807-96-6)
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)

dolomite (16389-88-1)
Listed on the Canadian NDSL (Non-Domestic Substances List)

magnesium carbonate (546-93-0)
Listed on the Canadian DSL (Domestic Substances List)

Fumed Silica (112945-52-5)
Listed on the Canadian DSL (Domestic Substances List)

Fumed Silica (68611-44-9)
Listed on the Canadian DSL (Domestic Substances List)

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

poly(bisphenol A-co-epichlorohydrin), glycidyl end-capped, MM= 348 **(25036-25-3)**
Listed on the Canadian DSL (Domestic Substances List)

D-100 (64742-95-6)
Listed on the Canadian DSL (Domestic Substances List)

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

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

Glycidoxypropyltrimethoxysilane (2530-83-8)
Listed on the Canadian DSL (Domestic Substances List)

Aromatic Hydrocarbon (1330-20-7)
Listed on the Canadian DSL (Domestic Substances List)

AROMATIC HYDROCARBON (108-88-3)
Listed on the Canadian DSL (Domestic Substances List)

solvent naphtha (petroleum), light aromatic (64742-95-6)
Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Titanium Dioxide (13463-67-7)
Listed on IARC (International Agency for Research on Cancer)

CARBON BLACK (1333-86-4)
Listed on IARC (International Agency for Research on Cancer)

quartz, conc respirable crystalline silica≥10% (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)

15.3. US State regulations

CARBON BLACK (1333-86-4)				
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	

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	

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

Titanium Dioxide (13463-67-7)
U.S. - New Jersey - Right to Know Hazardous Substance List

CARBON BLACK (1333-86-4)
U.S. - New Jersey - Right to Know Hazardous Substance List

zinc oxide (1314-13-2)
U.S. - New Jersey - Right to Know Hazardous Substance List

Magnesium Silicate (1317-65-3)
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

talc (14807-96-6)
U.S. - New Jersey - Right to Know Hazardous Substance List

magnesium carbonate (546-93-0)
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

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

Aromatic Hydrocarbon (1330-20-7)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

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

SECTION 16: Other information

Revision date : 02/08/2019

Full text of H-phrases:

H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H227	Combustible liquid
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
H320	Causes eye irritation
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
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
H410	Very toxic to aquatic life with long lasting effects

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