

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/10/2020

Reviewed on 06/10/2020

1 Identification

- **Product identifier**
- **Trade name:** MONTANA GOLD COLORS
- **Article number:**
283604 - 285905, 419331, 419362, 419379, 419393, 419423, 419430, 419447altt, 419461, 439537, 492747, 492754, 492761, 492778, 492785, 492792, 492808, 477041altt, 521409
- **Application of the substance / the mixture** Lacquer
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
MONTANA CANS
Häusserstr. 36
D-69115 Heidelberg
Tel. +49-6221-36333-30
Fax +49-6221-36333-33
info@montana-cans.de
www.montana-cans.com
- **Information department:** Department Product Safety
- **Emergency telephone number:**
Tel.: +49 6266-75-310
Fax +49 6266-75-362
(Mo - Th 08:00 am - 04:00 pm, Fr 08:00 am - 00:30 pm)

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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· **Hazard pictograms**



GHS02 GHS04 GHS07 GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

*ethyl acetate
titanium dioxide
acetone*

Hydrocarbons, C9, aromatics

· **Hazard statements**

*H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer. Route of exposure: Inhalation.
H336 May cause drowsiness or dizziness.*

· **Precautionary statements**

*P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P260 Do not breathe spray.
P280 Wear protective gloves / eye protection.
P285 In case of inadequate ventilation wear respiratory protection.
P302+P352 If on skin: Wash with plenty of soap and water.
P312 Call a poison center/doctor if you feel unwell.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 4
Reactivity = 3

· **HMIS-ratings (scale 0 - 4)**



Health = 2
Fire = 4
Reactivity = 3

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 115-10-6	dimethyl ether	12.5-<20%
EINECS: 204-065-8	Press. Gas, H280	
Index number: 603-019-00-8		

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CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5	ethyl acetate ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	12.5-<20%
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8	acetone ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	5-<10%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane ⚠ Press. Gas, H280	5-<10%
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0	butane ⚠ Press. Gas, H280	5-<10%
CAS: 64742-95-6 EC number: 918-668-5	Hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H335-H336	2.5-<5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2	titanium dioxide ⚠ Carc. 2, H351	2.5-<5%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	2.5-<5%
CAS: 1330-20-7 EC number: 905-588-0 Index number: 601-022-00-9	xylene ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	2.5-<5%
CAS: 9004-70-0	cellulose nitrate ⚠ Flam. Sol. 1, H228	2.5-<5%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0	isobutane ⚠ Press. Gas, H280	<2.5%
CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2A, H319; STOT SE 3, H336	<2.5%

Additional information:

The content of Benzene (EINECS-Nr. 200-753-7) in the ingredients is less than 0,1% (Note P Annex IA 1272/2008 EU), so the classification as carcinogen need not to apply.

Xylol: Enthält Ethylbenzol CAS 100-41-4

4 First-aid measures

Description of first aid measures

· **After inhalation:** Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Drink copious amounts of water and provide fresh air. Immediately call a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture**
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters -**
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Mount respiratory protective device.
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

115-10-6	dimethyl ether	3,000 ppm
141-78-6	ethyl acetate	1,200 ppm
67-64-1	acetone	200 ppm
74-98-6	propane	5500* ppm
106-97-8	butane	5500* ppm
13463-67-7	titanium dioxide	30 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
75-28-5	isobutane	5500* ppm
103-23-1	Di-(2-ethylhexyl) adipate	17 mg/m ³
67-63-0	propan-2-ol	400 ppm
7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
9002-88-4	Polyethylene low density	16 mg/m ³
123-86-4	n-butyl acetate	5 ppm
85-44-9	phthalic anhydride	18 mg/m ³
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
70657-70-4	2-methoxypropyl acetate	50 ppm
100-42-5	styrene	20 ppm
111-66-0	oct-1-ene	40 ppm

· **PAC-2:**

115-10-6	dimethyl ether	3800* ppm
141-78-6	ethyl acetate	1,700 ppm
67-64-1	acetone	3200* ppm
74-98-6	propane	17000** ppm
106-97-8	butane	17000** ppm

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13463-67-7	titanium dioxide	330 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
75-28-5	isobutane	17000** ppm
103-23-1	Di-(2-ethylhexyl) adipate	180 mg/m ³
67-63-0	propan-2-ol	2000* ppm
7631-86-9	silicon dioxide, chemically prepared	740 mg/m ³
9002-88-4	Polyethylene low density	170 mg/m ³
123-86-4	n-butyl acetate	200 ppm
85-44-9	phthalic anhydride	56 mg/m ³
14808-60-7	Quartz (SiO ₂)	33 mg/m ³
70657-70-4	2-methoxypropyl acetate	1,000 ppm
100-42-5	styrene	130 ppm
111-66-0	oct-1-ene	800* ppm

· **PAC-3:**

115-10-6	dimethyl ether	7200* ppm
141-78-6	ethyl acetate	10000** ppm
67-64-1	acetone	5700* ppm
74-98-6	propane	33000*** ppm
106-97-8	butane	53000*** ppm
13463-67-7	titanium dioxide	2,000 mg/m ³
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
75-28-5	isobutane	53000*** ppm
103-23-1	Di-(2-ethylhexyl) adipate	1,100 mg/m ³
67-63-0	propan-2-ol	12000** ppm
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m ³
9002-88-4	Polyethylene low density	1,000 mg/m ³
123-86-4	n-butyl acetate	3000* ppm
85-44-9	phthalic anhydride	10,000 mg/m ³
14808-60-7	Quartz (SiO ₂)	200 mg/m ³
70657-70-4	2-methoxypropyl acetate	5,000 ppm
100-42-5	styrene	1100* ppm
111-66-0	oct-1-ene	2000* ppm

7 Handling and storage

· **Handling:**· **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.
 Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**· **Storage:**· **Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurized containers.

· **Information about storage in one common storage facility:** Not required.· **Further information about storage conditions:** Keep receptacle tightly sealed.· **Storage class:** 2 B

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· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.· **Control parameters**· **Components with limit values that require monitoring at the workplace:****115-10-6 dimethyl ether**

WEEL Long-term value: 1000 ppm

141-78-6 ethyl acetatePEL Long-term value: 1400 mg/m³, 400 ppmREL Long-term value: 1400 mg/m³, 400 ppmTLV Long-term value: 1440 mg/m³, 400 ppm**67-64-1 acetone**PEL Long-term value: 2400 mg/m³, 1000 ppmREL Long-term value: 590 mg/m³, 250 ppmTLV Short-term value: 1187 mg/m³, 500 ppmLong-term value: 594 mg/m³, 250 ppm
BEI**74-98-6 propane**PEL Long-term value: 1800 mg/m³, 1000 ppmREL Long-term value: 1800 mg/m³, 1000 ppm

TLV refer to Appendix F in TLVs & BEIs book; D, EX

106-97-8 butaneREL Long-term value: 1900 mg/m³, 800 ppmTLV Short-term value: 2370 mg/m³, 1000 ppm
(EX)**108-65-6 2-methoxy-1-methylethyl acetate**

WEEL Long-term value: 50 ppm

1330-20-7 xylenePEL Long-term value: 435 mg/m³, 100 ppmREL Short-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppmTLV Short-term value: 651 mg/m³, 150 ppmLong-term value: 434 mg/m³, 100 ppm
BEI**75-28-5 isobutane**TLV Short-term value: 2370 mg/m³, 1000 ppm
(EX)**67-63-0 propan-2-ol**PEL Long-term value: 980 mg/m³, 400 ppmREL Short-term value: 1225 mg/m³, 500 ppmLong-term value: 980 mg/m³, 400 ppmTLV Short-term value: 984 mg/m³, 400 ppmLong-term value: 492 mg/m³, 200 ppm
BEI

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· **Ingredients with biological limit values:**

67-64-1 acetone

BEI 50 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

1330-20-7 xylene

BEI 1.5 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Methylhippuric acids

67-63-0 propan-2-ol

BEI 40 mg/L
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: Acetone (background, nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the eyes and skin.
 Avoid contact with the eyes.

· **Breathing equipment:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Filter A2/P3

· **Protection of hands:**



Protective gloves

· **Material of gloves**

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· **Penetration time of glove material**

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

Butyl acetate: 60 min

Ethyl acetate: 170 min

Xylene: 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

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· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Aerosol
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not applicable, as aerosol.

· **Flash point:** Not applicable, as aerosol.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 240 °C (464 °F)

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Not determined.

· **Explosion limits:**

Lower:	2.1 Vol %
Upper:	26.2 Vol %

· **Vapor pressure at 20 °C (68 °F):** 4000 hPa (3000.2 mm Hg)

· **Density at 20 °C (68 °F):** 0.9 g/cm³ (7.5 lbs/gal)

· **Relative density** Not determined.

· **Vapor density** Not determined.

· **Evaporation rate** Not applicable.

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic:	Not determined.
Kinematic:	Not determined.

· **Solvent content:**

Organic solvents:	75.4 %
Water:	0.2 %
VOC content:	550.0 g/l / 4.59 lb/gal

Solids content: 19.4 %

· **Other information** No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.

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- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

141-78-6 ethyl acetate

Oral	LD50	>18000 mg/kg (rat)
Dermal	LD50	5620 mg/kg (rat)
Inhalative	LC50 / 4 h	1600 mg/m ³ (rat)

67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)

64742-95-6 Hydrocarbons, C9, aromatics

Oral	LD50	3592 mg/kg (rat)
Dermal	LD50	3160 mg/kg (rabbit)

108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	>10000 mg/m ³ (rat)

1330-20-7 xylene

Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29000 mg/m ³ (rat)

67-63-0 propan-2-ol

Oral	LD50	5840 mg/kg (rat)
Dermal	LD50	13900 mg/kg (rabbit)
Inhalative	LC50	>25 mg/l (rat) LC 50: 6h

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
Vapors have narcotic effect.
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

13463-67-7	titanium dioxide	2B
1330-20-7	xylene	3

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103-23-1	Di-(2-ethylhexyl) adipate	3
67-63-0	propan-2-ol	3
7631-86-9	silicon dioxide, chemically prepared	3
9002-88-4	Polyethylene low density	3
14808-60-7	Quartz (SiO ₂)	1
100-42-5	styrene	2B

· NTP (National Toxicology Program)

14808-60-7	Quartz (SiO ₂)	K
100-42-5	styrene	R

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity
· Aquatic toxicity:
115-10-6 dimethyl ether

EC50 / 96 h	155 mg/l (algae)
LC50 / 48 h	>4000 mg/l (daphnia magna)
LC50 / 96 h	>4000 mg/l (fish)

67-64-1 acetone

LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))

64742-95-6 Hydrocarbons, C9, aromatics

EC50 / 48 h	3.2 mg/l (Daphnia magna)
EC50 / 72 h	2.75 mg/l (Pseudokirchneriella Subcapitata)
EC50 / 96 h	9.2 mg/l (Regenbogenforelle)

108-65-6 2-methoxy-1-methylethyl acetate

EC50 / 48 h	>500 mg/l (daphnia magna)
LC50 / 96 h	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)

1330-20-7 xylene

EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 mg/l (fish)

67-63-0 propan-2-ol

LC50/96h	9640 mg/l (pimephales promelas; 96h)
LC50 / 24 h	9714 mg/l (daphnia magna)

· Persistence and degradability No further relevant information available.

· Behavior in environmental systems:
· Bioaccumulative potential No further relevant information available.

· Mobility in soil No further relevant information available.

· Additional ecological information:
· General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· Results of PBT and vPvB assessment
· PBT: Not applicable.

· vPvB: Not applicable.

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· **Other adverse effects** No further relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

· **Recommendation:**

Disposal must be made according to official regulations.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Buildup of explosive mixtures possible without sufficient ventilation.

14 Transport information

· **UN-Number**

· **DOT, IMDG, IATA** UN1950

· **UN proper shipping name**

· **DOT** Aerosols, flammable

· **IMDG** AEROSOLS

· **IATA** AEROSOLS, flammable

· **Transport hazard class(es)**

· **DOT**



· **Class** 2.1

· **Label** 2.1

· **IMDG, IATA**



· **Class** 2.1

· **Label** 2.1

· **Packing group**

· **DOT, IMDG, IATA** not regulated

· **Environmental hazards:** Not applicable.

· **Special precautions for user** Warning: Gases

· **Hazard identification number (Kemler code):** -

· **EMS Number:** F-D,S-U

· **Stowage Code** SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre:

Category A. For AEROSOLS with a capacity above 1 litre:

Category B. For WASTE AEROSOLS: Category C, Clear of

living quarters.

· **Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1

except for division 1.4.

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	For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

1330-20-7 xylene

103-23-1 Di-(2-ethylhexyl) adipate

67-63-0 propan-2-ol

85-44-9 phthalic anhydride

100-42-5 styrene

· **TSCA (Toxic Substances Control Act):**

115-10-6 dimethyl ether

ACTIVE

141-78-6 ethyl acetate

ACTIVE

67-64-1 acetone

ACTIVE

74-98-6 propane

ACTIVE

106-97-8 butane

ACTIVE

64742-95-6 Hydrocarbons, C9, aromatics

ACTIVE

13463-67-7 titanium dioxide

ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate

ACTIVE

1330-20-7 xylene

ACTIVE

9004-70-0 cellulose nitrate

ACTIVE

75-28-5 isobutane

ACTIVE

C.I. Pigment Blue 15:4
Kupfer-Phthalocyanin-Pigment

*

103-23-1 Di-(2-ethylhexyl) adipate

ACTIVE

67-63-0 propan-2-ol

ACTIVE

7631-86-9 silicon dioxide, chemically prepared

ACTIVE

9002-88-4 Polyethylene low density

ACTIVE

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7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
	mixture of: N,N'-ethane-1,2-diylbis(hexanamide); 12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)	*
92797-60-9	Silan, Trimethoxyoctyl- Hydrolyseprodukt mit Siliciumdioxid	ACTIVE
123-86-4	n-butyl acetate	ACTIVE
85-44-9	phthalic anhydride	ACTIVE
64742-95-6	Solvent naphtha (petroleum), light arom.	ACTIVE
147900-93-4	fatty acids	ACTIVE
64742-82-1	naphtha (petroleum), hydrodesulphurized heavy	ACTIVE
68953-58-2	Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with bentonite	ACTIVE
85711-55-3	Fatty acids, tall-oil, compds. with oleylamine	ACTIVE
14808-60-7	Quartz (SiO ₂)	ACTIVE
70657-70-4	2-methoxypropyl acetate	*
100-42-5	styrene	ACTIVE
111-66-0	oct-1-ene	ACTIVE

· **Hazardous Air Pollutants**

85-44-9	phthalic anhydride	
100-42-5	styrene	

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide	
14808-60-7	Quartz (SiO ₂)	
100-42-5	styrene	

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
1330-20-7	xylene	I
103-23-1	Di-(2-ethylhexyl) adipate	C

· **TLV (Threshold Limit Value established by ACGIH)**

67-64-1	acetone	A4
13463-67-7	titanium dioxide	A4
1330-20-7	xylene	A4
67-63-0	propan-2-ol	A4
85-44-9	phthalic anhydride	A4
14808-60-7	Quartz (SiO ₂)	A2
100-42-5	styrene	A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7	titanium dioxide	
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(Contd. on page 14)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/10/2020

Reviewed on 06/10/2020

Trade name: MONTANA GOLD COLORS

(Contd. of page 13)

14808-60-7 Quartz (SiO₂)

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 Highly flammable liquid and vapor.
- H226 Flammable liquid and vapor.
- H228 Flammable solid.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H351 Suspected of causing cancer. Route of exposure: Inhalation.

· **Date of preparation / last revision 06/10/2020 / 1**

· **Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ICAO: International Civil Aviation Organisation
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- ACGIH: American Conference of Governmental Industrial Hygienists
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- HMIS: Hazardous Materials Identification System (USA)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- NIOSH: National Institute for Occupational Safety
- OSHA: Occupational Safety & Health
- TLV: Threshold Limit Value
- PEL: Permissible Exposure Limit
- REL: Recommended Exposure Limit
- BEI: Biological Exposure Limit
- Flam. Aerosol 1: Aerosols – Category 1
- Press. Gas: Gases under pressure – Compressed gas
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Flam. Sol. 1: Flammable solids – Category 1
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- Carc. 2: Carcinogenicity – Category 2
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- Asp. Tox. 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered.**