# Safety Data Sheet
## acc. to OSHA HCS

Printing date 06/10/2020 Reviewed on 06/10/2020

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## 1 Identification

· **Product identifier**

· **Trade name: MONTANA CHALK**

· **Article number:**
CH1020, CH2010, CH3000, CH4050, CH4150, CH5000, CH5050, CH6000, CH6050, CH6120, CH7050, CH8020, CH9000, CH9100, 376085, 376092, 376115, 376122, 376139, 376146alt, 376153, 376160alt, 376177, 376184, 376191alt, 376214alt, 376221, 376238, 396168alt, 396175alt, 396182alt, 396199alt, 396205alt, 396212alt, 396229alt, 396236alt, 396243alt, 396250alt

· **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)

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## 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.

GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**

GHS02 GHS04 GHS07

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· **Signal word** Danger

· **Hazard-determining components of labeling:**
maleic anhydride
2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps. with polyethylene glycol
hydrogen maleate C9-11-alkyl ethers
Polyamide

· **Hazard statements**
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

· **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.
P302+P352 If on skin: Wash with plenty of soap and water.
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.

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## 3 Composition/information on ingredients

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

· **Dangerous components:**

| | | |
|---|---|---|
| CAS: 64-17-5<br>EINECS: 200-578-6<br>Index number: 603-002-00-5 | ethanol<br>Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319 | 25-<50% |
| CAS: 471-34-1<br>EINECS: 207-439-9 | calcium carbonate | 25-<50% |
| CAS: 74-98-6<br>EINECS: 200-827-9<br>Index number: 601-003-00-5 | propane<br>Press. Gas, H280 | 12.5-<20% |
| CAS: 106-97-8<br>EINECS: 203-448-7<br>Index number: 601-004-00-0 | butane<br>Press. Gas, H280 | 10-<12.5% |

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| | | |
|---|---|---|
| CAS: 141-78-6<br>EINECS: 205-500-4<br>Index number: 607-022-00-5 | ethyl acetate<br>Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319; STOT SE 3, H336 | 5-<10% |
| CAS: 75-28-5<br>EINECS: 200-857-2<br>Index number: 601-004-00-0 | isobutane<br>Press. Gas, H280 | 2.5-<5% |
| CAS: 13463-67-7<br>EINECS: 236-675-5<br>Index number: 022-006-00-2 | titanium dioxide<br>Carc. 2, H351 | <2.5% |
| CAS: 1259547-09-5 | 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps. with polyethylene glycol hydrogen maleate C9-11-alkyl ethers<br>Skin Sens. 1, H317 | ≤0.5% |
| CAS: 108-31-6<br>EINECS: 203-571-6<br>Index number: 607-096-00-9 | maleic anhydride<br>Resp. Sens. 1, H334; STOT RE 1, H372<br>Skin Corr. 1B, H314; Eye Dam. 1, H318<br>Acute Tox. 4, H302; Skin Sens. 1A, H317 | ≤0.5% |

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

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## 4 First-aid measures

· **Description of first aid measures**
· **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
· **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.

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## 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.

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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:** | | |
|---|---|---|
| 471-34-1 | calcium carbonate | 45 mg/m³ |
| 74-98-6 | propane | 5500* ppm |
| 106-97-8 | butane | 5500* ppm |
| 141-78-6 | ethyl acetate | 1,200 ppm |
| 75-28-5 | isobutane | 5500* ppm |
| 13463-67-7 | titanium dioxide | 30 mg/m³ |
| 78-93-3 | butanone | 200 ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 50 ppm |
| 64-17-5 | ethanol | 1,800 ppm |
| 14808-60-7 | Quartz (SiO2) | 0.075 mg/m³ |
| 67-63-0 | propan-2-ol | 400 ppm |
| 108-31-6 | maleic anhydride | 0.2 ppm |
| 110-16-7 | maleic acid | 2.1 mg/m³ |

| · **PAC-2:** | | |
|---|---|---|
| 471-34-1 | calcium carbonate | 210 mg/m³ |
| 74-98-6 | propane | 17000** ppm |
| 106-97-8 | butane | 17000** ppm |
| 141-78-6 | ethyl acetate | 1,700 ppm |
| 75-28-5 | isobutane | 17000** ppm |
| 13463-67-7 | titanium dioxide | 330 mg/m³ |
| 78-93-3 | butanone | 2700* ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |
| 64-17-5 | ethanol | 3300* ppm |
| 14808-60-7 | Quartz (SiO2) | 33 mg/m³ |
| 67-63-0 | propan-2-ol | 2000* ppm |
| 108-31-6 | maleic anhydride | 2 ppm |
| 110-16-7 | maleic acid | 23 mg/m³ |

| · **PAC-3:** | | |
|---|---|---|
| 471-34-1 | calcium carbonate | 1,300 mg/m³ |
| 74-98-6 | propane | 33000*** ppm |
| 106-97-8 | butane | 53000*** ppm |
| 141-78-6 | ethyl acetate | 10000** ppm |
| 75-28-5 | isobutane | 53000*** ppm |
| 13463-67-7 | titanium dioxide | 2,000 mg/m³ |
| 78-93-3 | butanone | 4000* ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 5000* ppm |
| 64-17-5 | ethanol | 15000* ppm |
| 14808-60-7 | Quartz (SiO2) | 200 mg/m³ |
| 67-63-0 | propan-2-ol | 12000** ppm |
| 108-31-6 | maleic anhydride | 20 ppm |

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| | | |
|---|---|---|
| 110-16-7 | maleic acid | 140 mg/m³ |

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## 7 Handling and storage

· **Handling:**
· **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
No special measures required.
· **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
· **Specific end use(s)** No further relevant information available.

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## 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:** | |
|---|---|
| **471-34-1 calcium carbonate** | |
| PEL | Long-term value: 15* 5** mg/m³<br>*total dust **respirable fraction |
| REL | Long-term value: 10* 5** mg/m³<br>*total dust **respirable fraction |
| TLV | TLV withdrawn |
| **74-98-6 propane** | |
| PEL | Long-term value: 1800 mg/m³, 1000 ppm |
| REL | Long-term value: 1800 mg/m³, 1000 ppm |
| TLV | refer to Appendix F inTLVs&BEIs book; D, EX |
| **106-97-8 butane** | |
| REL | Long-term value: 1900 mg/m³, 800 ppm |
| TLV | Short-term value: 2370 mg/m³, 1000 ppm<br>(EX) |
| **141-78-6 ethyl acetate** | |
| PEL | Long-term value: 1400 mg/m³, 400 ppm |
| REL | Long-term value: 1400 mg/m³, 400 ppm |
| TLV | Long-term value: 1440 mg/m³, 400 ppm |
| **75-28-5 isobutane** | |
| TLV | Short-term value: 2370 mg/m³, 1000 ppm<br>(EX) |
| **108-31-6 maleic anhydride** | |
| PEL | Long-term value: 1 mg/m³, 0.25 ppm |
| REL | Long-term value: 1 mg/m³, 0.25 ppm |

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| | |
|---|---|
| TLV | Long-term value: 0.01* mg/m³, 0.0025* ppm<br>DSEN, RSEN;*inhalable fraction + vapor |

· **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.
· **Eye protection:**

Tightly sealed goggles

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## 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. |

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| | |
|---|---|
| · **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:** | 365 °C (689 °F) |
| · **Decomposition temperature:** | Not determined. |
| · **Danger of explosion:** | Not determined. |
| · **Explosion limits:** | |
| **Lower:** | 1.5 Vol % |
| **Upper:** | 15 Vol % |
| · **Vapor pressure at 20 °C (68 °F):** | 8300 hPa (6225.5 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:** | 68.5 % |
| **VOC content:** | 588.0 g/l / 4.91 lb/gal |
| **Solids content:** | 29.6 % |
| · **Other information** | No further relevant information available. |

## 10 Stability and reactivity

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

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## 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 (rab) |
| Dermal | LD50 | 5620 mg/kg (rat) |
| Inhalative | LC50 / 4 h | 1600 mg/m3 (rat) |

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· **Primary irritant effect:**
· **on the skin:** No irritant effect.
· **on the eye:** Irritating effect.
· **Sensitization:** Sensitization possible through skin contact.
· **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 |
| 64-17-5 | ethanol | 1 |
| 14808-60-7 | Quartz (SiO2) | 1 |
| 67-63-0 | propan-2-ol | 3 |

| · **NTP (National Toxicology Program)** | | |
|---|---|---|
| 14808-60-7 | Quartz (SiO2) | K |

| · **OSHA-Ca (Occupational Safety & Health Administration)** |
|---|
| None of the ingredients is listed. |

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## 12 Ecological information

· **Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **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 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

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## 13 Disposal considerations

· **Waste treatment methods**
· **Recommendation:**
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.



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## 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.<br>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.<br>For AEROSOLS with a capacity above 1 litre:<br>Segregation as for the appropriate subdivision of class 2.<br>For WASTE AEROSOLS:<br>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<br>On cargo aircraft only: 150 kg |
| · **IMDG** | |
| · **Limited quantities (LQ)** | 1L |
| · **Excepted quantities (EQ)** | Code: E0<br>Not permitted as Excepted Quantity |

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· **UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

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## 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 |
| 67-63-0 | propan-2-ol |
| 108-31-6 | maleic anhydride |

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

| | | |
|---|---|---|
| 64-17-5 | ethanol | ACTIVE |
| 471-34-1 | calcium carbonate | ACTIVE |
| 74-98-6 | propane | ACTIVE |
| 106-97-8 | butane | ACTIVE |
| 141-78-6 | ethyl acetate | ACTIVE |
| 75-28-5 | isobutane | ACTIVE |
| 6358-31-2 | C.I. Pigment Yellow 74 | ACTIVE |
| 13463-67-7 | titanium dioxide | ACTIVE |
| 1330-20-7 | xylene | ACTIVE |
| 1259547-09-5 | 2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymer with butyl 2-propenoate, comps. with polyethylene glycol hydrogen maleate C9-11-alkyl ethers | * |
| 78-93-3 | butanone | ACTIVE |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | ACTIVE |
| 64-17-5 | ethanol | ACTIVE |
| 14808-60-7 | Quartz (SiO2) | ACTIVE |
| 67-63-0 | propan-2-ol | ACTIVE |
| 68439-46-3 | Alcohol ethoxylate (C9-C11, EO 5-15) | ACTIVE |
| 108-31-6 | maleic anhydride | ACTIVE |
| 110-16-7 | maleic acid | ACTIVE |
| 2867-47-2 | 2-dimethylaminoethyl methacrylate | ACTIVE |

· **Hazardous Air Pollutants**

| | |
|---|---|
| 108-31-6 | maleic anhydride |

· **Proposition 65**

· **Chemicals known to cause cancer:**

| | |
|---|---|
| 13463-67-7 | titanium dioxide |
| 14808-60-7 | Quartz (SiO2) |

· **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:**

| | |
|---|---|
| 64-17-5 | ethanol |

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| | |
|---|---|
| 64-17-5 | ethanol |

· **Carcinogenic categories**

| · **EPA (Environmental Protection Agency)** | | |
|---|---|---|
| 1330-20-7 | xylene | I |
| 78-93-3 | butanone | I |

| · **TLV (Threshold Limit Value established by ACGIH)** | | |
|---|---|---|
| 64-17-5 | ethanol | A4 |
| 13463-67-7 | titanium dioxide | A4 |
| 1330-20-7 | xylene | A4 |
| 64-17-5 | ethanol | A3 |
| 14808-60-7 | Quartz (SiO2) | A2 |
| 67-63-0 | propan-2-ol | A4 |
| 108-31-6 | maleic anhydride | A4 |

| · **NIOSH-Ca (National Institute for Occupational Safety and Health)** | |
|---|---|
| 13463-67-7 | titanium dioxide |
| 14808-60-7 | Quartz (SiO2) |

· **National regulations:**
· **Additional classification according to Decree on Hazardous Materials:**
Carcinogenic hazardous material group III (dangerous).
· **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.
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H372 Causes damage to organs through prolonged or repeated exposure.
· **Date of preparation / last revision** 06/10/2020 / 6
· **Abbreviations and acronyms:**
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

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**Trade name: MONTANA CHALK**

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*TLV: Threshold Limit Value*
*PEL: Permissible Exposure Limit*
*REL: Recommended Exposure Limit*
*Flam. Aerosol 1: Aerosols – Category 1*
*Press. Gas: Gases under pressure – Compressed gas*
*Flam. Liq. 2: Flammable liquids – Category 2*
*Acute Tox. 4: Acute toxicity – Category 4*
*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*
*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*
*Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A*
*Resp. Sens. 1: Respiratory sensitisation – Category 1*
*Skin Sens. 1: Skin sensitisation – Category 1*
*Skin Sens. 1A: Skin sensitisation – Category 1A*
*Carc. 2: Carcinogenicity – Category 2*
*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*
*STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1*

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