

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

1 Identification

· **Product identifier**

· **Trade name:** MONTANA GLASS

· **Article number:** 482977, 482984, 482991, 483035, 483059, 483103, 483110, 483127, 483134

· **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.com

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

Flammable Aerosols 1

H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Gases under Pressure - Compressed gas

H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Carcinogenicity 2

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



GHS07

Eye Irritation 2A

H319 Causes serious eye irritation.

Specific Target Organ Toxicity - Single Exposure 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).

(Contd. on page 2)

Trade name: MONTANA GLASS

(Contd. of page 1)

· 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 Health = 2
FIRE 4 Fire = 4
REACTIVITY 3 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 | Flammable Gases 1, H220 | |
| Index number: 603-019-00-8 | Gases under Pressure - Compressed gas, H280 | |

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 2)

| | | |
|--|--|-----------|
| CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5 | ethyl acetate ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336 | 12.5-<20% |
| CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 | acetone ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336 | 5-<10% |
| CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 | propane ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280 | 5-<10% |
| CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 | butane (containing < 0,1 % butadiene (203-450-8)) ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280 | 5-<10% |
| CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 | titanium dioxide ⚠ Carcinogenicity 2, H351 | 2.5-<5% |
| CAS: 64742-95-6 EC number: 918-668-5 | Hydrocarbons, C9, aromatics ⚠ Flammable Liquids 3, H226 ⚠ Aspiration Hazard 1, H304 ⚠ Specific Target Organ Toxicity - Single Exposure 3, H335-H336 | 2.5-<5% |
| CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 | 2-methoxy-1-methylethyl acetate ⚠ Flammable Liquids 3, H226 ⚠ Specific Target Organ Toxicity - Single Exposure 3, H336 | 2.5-<5% |
| CAS: 1330-20-7 EC number: 905-588-0 Index number: 601-022-00-9 | xylene ⚠ Flammable Liquids 3, H226 ⚠ Acute Toxicity - Dermal 4, H312; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315 | 2.5-<5% |
| CAS: 9004-70-0 | cellulose nitrate ⚠ Explosives 1.1, H201 | 2.5-<5% |
| CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 | isobutane (containing < 0,1 % butadiene (203-450-8)) ⚠ Flammable Gases 1, H220 ⚠ Gases under Pressure - Compressed gas, H280 | <2.5% |
| CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 | propan-2-ol ⚠ Flammable Liquids 2, H225 ⚠ Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 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 1A 1272/2008 EU), so the classification as carcinogen need not to apply.

Xylol: Enthält Ethylbenzol CAS 100-41-4

CAS 9004-70-0: CLP Note T

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.

(Contd. on page 4)

Trade name: MONTANA GLASS

(Contd. of page 3)

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

* 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.
Keep away from ignition sources
- **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 (containing < 0,1 % butadiene (203-450-8)) | 5500* ppm |
| 13463-67-7 | titanium dioxide | 30 mg/m ³ |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 50 ppm |
| 1330-20-7 | xylene | 130 ppm |
| 75-28-5 | isobutane (containing < 0,1 % butadiene (203-450-8)) | 5500* ppm |
| 67-63-0 | propan-2-ol | 400 ppm |
| 103-23-1 | Di-(2-ethylhexyl) adipate | 17 mg/m ³ |
| 7631-86-9 | silicon dioxide, chemically prepared | 18 mg/m ³ |
| 9002-88-4 | Polyethylene low density | 16 mg/m ³ |
| 1333-86-4 | Carbon black | 9 mg/m ³ |
| 123-86-4 | n-butyl acetate | 5 ppm |
| 85-44-9 | phthalic anhydride | 18 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 |
|----------|----------------|-----------|

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 4)

| | | |
|------------|--|-----------------------|
| 141-78-6 | ethyl acetate | 1,700 ppm |
| 67-64-1 | acetone | 3200* ppm |
| 74-98-6 | propane | 17000** ppm |
| 106-97-8 | butane (containing < 0,1 % butadiene (203-450-8)) | 17000** ppm |
| 13463-67-7 | titanium dioxide | 330 mg/m ³ |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 1,000 ppm |
| 1330-20-7 | xylene | 920* ppm |
| 75-28-5 | isobutane (containing < 0,1 % butadiene (203-450-8)) | 17000** ppm |
| 67-63-0 | propan-2-ol | 2000* ppm |
| 103-23-1 | Di-(2-ethylhexyl) adipate | 180 mg/m ³ |
| 7631-86-9 | silicon dioxide, chemically prepared | 740 mg/m ³ |
| 9002-88-4 | Polyethylene low density | 170 mg/m ³ |
| 1333-86-4 | Carbon black | 99 mg/m ³ |
| 123-86-4 | n-butyl acetate | 200 ppm |
| 85-44-9 | phthalic anhydride | 56 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 (containing < 0,1 % butadiene (203-450-8)) | 53000*** ppm |
| 13463-67-7 | titanium dioxide | 2,000 mg/m ³ |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 5000* ppm |
| 1330-20-7 | xylene | 2500* ppm |
| 75-28-5 | isobutane (containing < 0,1 % butadiene (203-450-8)) | 53000*** ppm |
| 67-63-0 | propan-2-ol | 12000** ppm |
| 103-23-1 | Di-(2-ethylhexyl) adipate | 1,100 mg/m ³ |
| 7631-86-9 | silicon dioxide, chemically prepared | 4,500 mg/m ³ |
| 9002-88-4 | Polyethylene low density | 1,000 mg/m ³ |
| 1333-86-4 | Carbon black | 590 mg/m ³ |
| 123-86-4 | n-butyl acetate | 3000* ppm |
| 85-44-9 | phthalic anhydride | 10,000 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.

(Contd. on page 6)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 5)

- **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.

* 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:**
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

115-10-6 dimethyl ether

| | |
|-------------|---------------------------|
| WEEL | Long-term value: 1000 ppm |
|-------------|---------------------------|

141-78-6 ethyl acetate

| | |
|------------|---|
| PEL | Long-term value: 1400 mg/m ³ , 400 ppm |
|------------|---|

| | |
|------------|---|
| REL | Long-term value: 1400 mg/m ³ , 400 ppm |
|------------|---|

| | |
|------------|--------------------------|
| TLV | Long-term value: 400 ppm |
|------------|--------------------------|

67-64-1 acetone

| | |
|------------|--|
| PEL | Long-term value: 2400 mg/m ³ , 1000 ppm |
|------------|--|

| | |
|------------|--|
| REL | Long-term value: 590 mg/m ³ , 250 ppm |
|------------|--|

| | |
|------------|---------------------------|
| TLV | Short-term value: 500 ppm |
|------------|---------------------------|

| | |
|--|--------------------------|
| | Long-term value: 250 ppm |
|--|--------------------------|

| | |
|--|---------|
| | A4, BEI |
|--|---------|

74-98-6 propane

| | |
|------------|--|
| PEL | Long-term value: 1800 mg/m ³ , 1000 ppm |
|------------|--|

| | |
|------------|--|
| REL | Long-term value: 1800 mg/m ³ , 1000 ppm |
|------------|--|

| | |
|------------|---|
| TLV | see Appendix F Minimal oxygen content (D, EX) |
|------------|---|

106-97-8 butane (containing < 0,1 % butadiene (203-450-8))

| | |
|------------|---|
| REL | Long-term value: 1900 mg/m ³ , 800 ppm |
|------------|---|

| | |
|------------|------------------------------------|
| TLV | Short-term value: 1000 ppm (EX) |
|------------|------------------------------------|

13463-67-7 titanium dioxide

| | |
|------------|---|
| PEL | Long-term value: 15* mg/m ³ *total dust |
|------------|---|

| | |
|------------|-------------------------|
| REL | See Pocket Guide App. A |
|------------|-------------------------|

| | |
|------------|--|
| TLV | Long-term value: 0.2* 2.5** mg/m ³ resp. fraction, *nanoscale, **finescale, A3 |
|------------|--|

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

| | |
|-------------|-------------------------|
| WEEL | Long-term value: 50 ppm |
|-------------|-------------------------|

1330-20-7 xylene

| | |
|------------|--|
| PEL | Long-term value: 435 mg/m ³ , 100 ppm |
|------------|--|

| | |
|------------|---|
| REL | Short-term value: 655 mg/m ³ , 150 ppm |
|------------|---|

| | |
|--|--|
| | Long-term value: 435 mg/m ³ , 100 ppm |
|--|--|

(Contd. on page 7)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 6)

| | |
|--|---|
| TLV | Long-term value: 20 ppm BEI, A4 |
| 75-28-5 isobutane (containing < 0,1 % butadiene (203-450-8)) | |
| TLV | Short-term value: 1000 ppm (EX) |
| 67-63-0 propan-2-ol | |
| PEL | Long-term value: 980 mg/m ³ , 400 ppm |
| REL | Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm |
| TLV | Short-term value: 400 ppm Long-term value: 200 ppm BEI, A4 |
| · Ingredients with biological limit values: | |
| 67-64-1 acetone | |
| BEI | 25 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.

(Contd. on page 8)

Trade name: MONTANA GLASS

(Contd. of page 7)

· **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

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:** Mixture is non-soluble (in water).

· **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):** 0.8 g/cm³ (6.7 lbs/gal)

· **Relative density:** Not determined.

· **Vapor density:** Not determined.

· **Evaporation rate:** Not applicable.

· **Solubility in / Miscibility with**

Water: Fully miscible.

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

· **Viscosity:**

Dynamic: Not determined.

Kinematic: Not determined.

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 8)

| | |
|---|-------------------------|
| · Solvent content: | |
| Organic solvents: | 76.6 % |
| Water: | 0.2 % |
| VOC content: | 604.0 g/l / 5.04 lb/gal |
| Solids content: 22.0 % | |
| · 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.

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.

(Contd. on page 10)

US

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 9)

- **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 |
| 67-63-0 | propan-2-ol | 3 |
| 103-23-1 | Di-(2-ethylhexyl) adipate | 3 |
| 7631-86-9 | silicon dioxide, chemically prepared | 3 |
| 9002-88-4 | Polyethylene low density | 3 |
| 1333-86-4 | Carbon black | 2B |
| 100-42-5 | styrene | 2A |

· **NTP (National Toxicology Program)**

| | | |
|----------|---------|---|
| 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.

(Contd. on page 11)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS



(Contd. of page 10)

- **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.
- **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.
Disposal must be made according to official regulations.
- **Recommended cleansing agent:** *Water, if necessary with cleansing agents.*

14 Transport information

- | | |
|--|--|
| <ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA | <p style="margin: 0;">UN1950</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG · IATA | <p style="margin: 0;">Aerosols, flammable</p> <p style="margin: 0;">AEROSOLS</p> <p style="margin: 0;">AEROSOLS, flammable</p> |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <div style="text-align: center;">  </div> |
| <ul style="list-style-type: none"> · Class · Label | <p style="margin: 0;">2.1 Gases</p> <p style="margin: 0;">2.1</p> |
| <ul style="list-style-type: none"> · IMDG, IATA | <div style="text-align: center;">  </div> |
| <ul style="list-style-type: none"> · Class · Label | <p style="margin: 0;">2.1 Gases</p> <p style="margin: 0;">2.1</p> |
| <ul style="list-style-type: none"> · Packing group · DOT, IMDG, IATA | <p style="margin: 0;">not regulated</p> |
| <ul style="list-style-type: none"> · Environmental hazards: | <p style="margin: 0;">Not applicable.</p> |
| <ul style="list-style-type: none"> · Special precautions for user | <p style="margin: 0;">Warning: Gases</p> |

(Contd. on page 12)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 11)

| | |
|---|---|
| · 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. 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 MARPOL 73/78 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**
No further relevant information available.

· **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 |
| 103-23-1 | Di-(2-ethylhexyl) adipate |
| 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 (containing < 0,1 % butadiene (203-450-8)) | ACTIVE |
| 13463-67-7 | titanium dioxide | ACTIVE |
| 64742-95-6 | Hydrocarbons, C9, aromatics | ACTIVE |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | ACTIVE |
| 1330-20-7 | xylene | ACTIVE |

(Contd. on page 13)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 12)

| | | |
|-------------|--|--------|
| 9004-70-0 | cellulose nitrate | ACTIVE |
| 75-28-5 | isobutane (containing < 0,1 % butadiene (203-450-8)) | ACTIVE |
| 67-63-0 | propan-2-ol | ACTIVE |
| 103-23-1 | Di-(2-ethylhexyl) adipate | ACTIVE |
| 1302-78-9 | bentonite | ACTIVE |
| 7631-86-9 | silicon dioxide, chemically prepared | ACTIVE |
| 9002-88-4 | Polyethylene low density | ACTIVE |
| 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) | * |
| 147-14-8 | phthalocyanine blue | ACTIVE |
| 980-26-7 | C.I Pigment Rot 122 | ACTIVE |
| 1333-86-4 | Carbon black | ACTIVE |
| 5567-15-7 | C.I. Pigment Yellow 83 | ACTIVE |
| 6358-31-2 | C.I. Pigment Yellow 74 | ACTIVE |
| 6535-46-2 | C.I. Pigment Red 112 | ACTIVE |
| 12236-62-3 | C.I. Pigment Orange 36 | ACTIVE |
| 14059-33-7 | BRUFASOL-yellow AL2300 | ACTIVE |
| 51274-00-1 | C.I. Pigment Yellow 42 | ACTIVE |
| 215247-95-3 | C.I. Pigment Violet 23 | ACTIVE |
| 92797-60-9 | Silan, Trimethoxyoctyl- Hydrolyseprodukt mit Siliciumdioxid | ACTIVE |
| 123-86-4 | n-butyl acetate | ACTIVE |

· **Hazardous Air Pollutants**

| | |
|-----------|--------------------|
| 1330-20-7 | xylene |
| 85-44-9 | phthalic anhydride |
| 100-42-5 | styrene |

· **Proposition 65**

· **Chemicals known to cause cancer:**

| | |
|------------|------------------|
| 13463-67-7 | titanium dioxide |
| 1333-86-4 | Carbon black |
| 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)**

| | | |
|---------|---------|----|
| 67-64-1 | acetone | A4 |
|---------|---------|----|

(Contd. on page 14)

Safety Data Sheet

acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 13)

| | | |
|------------|--------------------|----|
| 13463-67-7 | titanium dioxide | A4 |
| 1330-20-7 | xylene | A4 |
| 67-63-0 | propan-2-ol | A4 |
| 1333-86-4 | Carbon black | A4 |
| 85-44-9 | phthalic anhydride | A4 |
| 100-42-5 | styrene | A4 |

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

| | | |
|------------|------------------|--|
| 13463-67-7 | titanium dioxide | |
| 1333-86-4 | Carbon black | |

· **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**

- H201 Explosive; mass explosion hazard.
- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapor.
- H226 Flammable liquid and vapor.
- 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.

· **Contact:**

· **Date of preparation / last revision** 06/20/2022 / 2

· **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 relatif au transport international 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
- 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
- ACGIH: American Conference of Governmental Industrial Hygienists
- Explosives 1.1: Explosives – Division 1.1
- Flammable Gases 1: Flammable gases – Category 1
- Flammable Aerosols 1: Aerosols – Category 1
- Gases under Pressure - Compressed gas: Gases under pressure – Compressed gas
- Flammable Liquids 2: Flammable liquids – Category 2

(Contd. on page 15)

Safety Data Sheet
acc. to OSHA HCS

Printing date 06/20/2022

Reviewed on 06/20/2022

Trade name: MONTANA GLASS

(Contd. of page 14)

*Flammable Liquids 3: Flammable liquids – Category 3**Acute Toxicity - Dermal 4: Acute toxicity – Category 4**Skin Irritation 2: Skin corrosion/irritation – Category 2**Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A**Carcinogenicity 2: Carcinogenicity – Category 2**Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3**Aspiration Hazard 1: Aspiration hazard – Category 1*** Data compared to the previous version altered.*

US