

EX0015260 - HIGH-BUILD FILLER PRIMER BLACK



SECTION 1: IDENTIFICATION

1.1 Product identifier: EX0015260 - HIGH-BUILD FILLER PRIMER BLACK

Other means of identification:

Non-applicable

1.2 Recommended use of the chemical and restrictions on use:

Relevant uses: Spray paint

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Initial supplier identifier:

MONTANA COLORS, S.L.

Pol. Ind. Pla de les Vives C/ Anaïs Nin 6

08295 Sant Vicenç de Castellet - Barcelona - España Phone: +34 938332760 (9:00- 16:00h GMT +1:00)

msds@montanacolors.com https://www.montanacolors.com

CANADA SUPPLIER INFORMATION:

MTN CANADA INC

2817 rue Ontario EST, H2K 1X5 Montréal

Phone: +514 303 5355 (11:00-19:00 h) (working hours)

e-mail: info@mtncanada.com

1.4 Emergency phone number: +514 303 5355 (11:00- 19:00 h) (working hours)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture:

WHMIS 2015:

Classification of this product has been carried out in accordance with Part 2 of Hazardous Products Regulations (SOR/2015-17)

Aerosol 1: Flammable aerosols, Category 1, H222 Aerosol 1: Pressurised container: May burst if heated., H229

STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2 (Oral), H373

2.2 Label elements:

WHMIS 2015:

Danger





Hazard statements:

Aerosol 1: H229 - Pressurised container: May burst if heated.

Aerosol 1: H222 - Extremely flammable aerosol.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P261: Avoid breathing spray.

P271: Use only outdoors or in a well-ventilated area.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

P501: Dispose of contents and / or their container according to the separated collection system used in your municipality.

Substances that contribute to the classification

Xylene

2.3 Health and physical hazards not otherwise classified (HHNOC - PHNOC):

Non-applicable

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 **Substances:**

Non-applicable

3.2 Mixtures:

Chemical description: Aerosol

Components:

In accordance with Schedule I of the Hazardous Products Regulations (SOR/2015-17), the product contains:

| | Identification | Chemical name/Classification | | Concentration |
|------|----------------|--|--------------|---------------|
| CAS: | 115-10-6 | Dimethyl ether Flam. Gas 1A: H220; Press. Gas: H280 - Danger | ⋄ � | 30 - <60 % |
| CAS: | 123-86-4 | N-butyl acetate Flam. Liq. 3: H226; STOT SE 3: H336 - Warning | <u>(1)</u> | 10 - <30 % |
| CAS: | 1330-20-7 | Xylene Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger | (3) | 5 - <10 % |
| CAS: | 1333-86-4 | Carbon black Carc. 2: H351 - Warning | & | <1 % |

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST-AID MEASURES

4.1 **Description of necessary measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected if necessary thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

Specific hazards arising from the chemical: 5.2

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SECTION 5: FIRE-FIGHTING MEASURES (continued)

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and materials for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum Temp.: 30 °C

Maximum time: 120 Months

B.- General conditions for storage

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SECTION 7: HANDLING AND STORAGE (continued)

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 **Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace:

British Columbia - Occupational Health and Safety Regulation section 5.48 (Updated March 1, 2022):

| Identification | Occ | Occupational exposure limits | | |
|---------------------|----------|------------------------------|-------------------------|--|
| N-butyl acetate | TLV-TWA | 50 ppm | | |
| CAS: 123-86-4 | TLV-STEL | 150 ppm | | |
| propan-2-ol | TLV-TWA | 200 ppm | | |
| CAS: 67-63-0 | TLV-STEL | 400 ppm | | |
| Ethylbenzene | TLV-TWA | 20 ppm | | |
| CAS: 100-41-4 | TLV-STEL | | | |
| Butanone | TLV-TWA | 50 ppm | | |
| CAS: 78-93-3 | TLV-STEL | 100 ppm | | |
| Carbon black | TLV-TWA | | 3 mg/m ³ | |
| CAS: 1333-86-4 | TLV-STEL | | | |
| Quartz (RCS < 1 %) | TLV-TWA | | 0.025 mg/m ³ | |
| CAS: 14808-60-7 | TLV-STEL | | | |
| Barium Sulfate | TLV-TWA | | 5 mg/m ³ | |
| CAS: 7727-43-7 | TLV-STEL | | | |
| Xylene | TLV-TWA | 100 ppm | | |
| CAS: 1330-20-7 | TLV-STEL | 150 ppm | | |
| 2-methylpropan-1-ol | TLV-TWA | 50 ppm | | |
| CAS: 78-83-1 | TLV-STEL | | | |
| Talc | TLV-TWA | | 2 mg/m ³ | |
| CAS: 14807-96-6 | TLV-STEL | | | |
| Dimethyl ether | TLV-TWA | 1000 ppm | | |
| CAS: 115-10-6 | TLV-STEL | | | |

ALBERTA - Occupational Health and Safety Code:

| Identification | | Occupational exposure limits | | |
|---------------------|-----------|------------------------------|-----------------------|--|
| N-butyl acetate | 8-hour | 150 ppm | 713 mg/m ³ | |
| CAS: 123-86-4 | 15-minute | 200 ppm | 950 mg/m ³ | |
| oropan-2-ol | 8-hour | 200 ppm | 492 mg/m ³ | |
| CAS: 67-63-0 | 15-minute | 400 ppm | 984 mg/m ³ | |
| Ethylbenzene | 8-hour | 100 ppm | 434 mg/m ³ | |
| CAS: 100-41-4 | 15-minute | 125 ppm | 543 mg/m ³ | |
| Butanone | 8-hour | 200 ppm | 590 mg/m ³ | |
| CAS: 78-93-3 | 15-minute | 300 ppm | 885 mg/m ³ | |
| Carbon black | 8-hour | | 3.5 mg/m ³ | |
| CAS: 1333-86-4 | 15-minute | | | |
| Barium Sulfate | 8-hour | | 10 mg/m ³ | |
| CAS: 7727-43-7 | 15-minute | | | |
| (ylene | 8-hour | 100 ppm | 434 mg/m ³ | |
| CAS: 1330-20-7 | 15-minute | 150 ppm | 651 mg/m ³ | |
| 2-methylpropan-1-ol | 8-hour | 50 ppm | 152 mg/m ³ | |
| CAS: 78-83-1 | 15-minute | | | |
| Talc Talc | 8-hour | | 2 mg/m ³ | |
| CAS: 14807-96-6 | 15-minute | | | |

ONTARIO R.R.O. 1990, REGULATION 833 (Last amendment: 449/19)- CONTROL OF EXPOSURE TO BIOLOGICAL OR CHEMICAL AGENTS:

| Identification | Occupational exposure limits | | |
|--------------------|------------------------------|-----------------------|--|
| Quartz (RCS < 1 %) | TWA | 0.1 mg/m ³ | |
| CAS: 14808-60-7 | STEL | | |

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

| Pictogram | PPE | Remarks |
|-----------------------------|---------------------------|--|
| Compulsory use of face mask | Filter mask for particles | Replace when an increase in resistence to breathing is observed. |

C.- Specific protection for the hands

| Pictogram | PPE | Remarks |
|---------------------------|--|--|
| Mandatory hand protection | Chemical protective gloves (Material: Linear low -density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm) | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

| Pictogram | PPE | Remarks |
|---------------------------|-------------|--|
| Mandatory face protection | Face shield | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Bodily protection

| Pictogram | PPE | Remarks |
|------------------------------------|---|---|
| Mandatory complete body protection | Disposable clothing for protection against chemical risks, with antistatic and fireproof properties | For professional use only. Clean periodically according to the manufacturer's instructions. |
| Mandatory foot protection | Safety footwear for protection against chemical risk, with antistatic and heat resistant properties | |

F.- Additional emergency measures

| Emergency measure | Standards | Emergency measure | Standards |
|-------------------|---|-------------------|--|
| Emergency shower | ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011 | Eyewash stations | DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011 |

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds (VOC) according to Canadian Environmental Protection Act, 1999:

Volatile organic compounds: 76.88 % weight

V.O.C. density at 20 °C: 660.43 kg/m³ (660.43 g/L)

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Non-applicable *



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:

Appearance:

Not available

Color:

Odor:

Not available

Not available

Non-applicable *

Volatility:

Boiling point at atmospheric pressure: -25 °C (Propellant)

Vapour pressure at 20 °C: Non-applicable *

Vapour pressure at 50 °C: <300000 Pa (300 kPa)

Evaporation rate at 20 °C: **Product description:**

Density at 20 °C: 859 kg/m³ Relative density at 20 °C: 0.859

Dynamic viscosity at 20 °C: Non-applicable * Kinematic viscosity at 20 °C: Non-applicable * Kinematic viscosity at 40 °C: Non-applicable * Concentration: Non-applicable * pH: Non-applicable * Vapour density at 20 °C: Non-applicable * Partition coefficient n-octanol/water 20 °C: Non-applicable * Solubility in water at 20 °C: Non-applicable * Solubility properties: Non-applicable * Decomposition temperature: Non-applicable * Melting point/freezing point: Non-applicable * Recipient pressure: Non-applicable *

Flammability:

Flash Point:

Flammability (solid, gas):

Autoignition temperature:

Lower flammability limit:

Upper flammability limit:

Non-applicable *

Non-applicable *

Non-applicable *

Particle characteristics:

Other safety characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:

Oxidising properties:

Corrosive to metals:

Heat of combustion:

Aerosols-total percentage (by mass) of flammable

Non-applicable *

Non-applicable *

Non-applicable *

components:

*Not relevant due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Surface tension at 20 °C:

Refraction index:

Non-applicable *

Non-applicable *

 * Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|--------------------|------------------|-------------------------|---------------------|----------------|
| Not applicable | Not applicable | Risk of combustion | Avoid direct impact | Not applicable |

10.5 Incompatible materials:

| Acids | Water | Oxidising materials | Combustible materials | Others |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

- A- Ingestion (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- B- Inhalation (acute effect):
 - Acute toxicity: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- C- Contact with the skin and the eves (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
 - Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Carcinogenicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous with carcinogenic effects. For more information see section 3.
 - IARC: propan-2-ol (3); Ethylbenzene (2B); Carbon black (2B); Xylene (3); Hydrocarbons, C9, aromatics (3); Talc (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of
 - Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- H- Aspiration hazard:

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | | Acute toxicity | | Genus |
|-----------------|--|-----------------|------------------|--------|
| N-butyl acetate | | LD50 oral | 12789 mg/kg | Rat |
| CAS: 123-86-4 | | LD50 dermal | 14112 mg/kg | Rabbit |
| | | LC50 inhalation | 23.4 mg/L (4 h) | Rat |
| Xylene | | LD50 oral | 2100 mg/kg | Rat |
| CAS: 1330-20-7 | | LD50 dermal | 1100 mg/kg | Rat |
| | | LC50 inhalation | 11 mg/L (ATEi) | |
| Dimethyl ether | | LD50 oral | >5000 mg/kg | |
| CAS: 115-10-6 | | LD50 dermal | >5000 mg/kg | |
| | | LC50 inhalation | 308.5 mg/L (4 h) | Rat |
| Carbon black | | LD50 oral | >5000 mg/kg | |
| CAS: 1333-86-4 | | LD50 dermal | >5000 mg/kg | |
| | | LC50 inhalation | >5 mg/L | |

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

| Identification | Concentration | | Species | Genus |
|-----------------|---------------|-----------------|-------------------------|-------|
| N-butyl acetate | LC50 | Non-applicable | | |
| CAS: 123-86-4 | EC50 | Non-applicable | | |
| | EC50 | 675 mg/L (72 h) | Scenedesmus subspicatus | Algae |

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SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | | Concentration | Species | Genus |
|----------------|------|------------------|-------------------|------------|
| Carbon black | LC50 | 1000 mg/L (96 h) | Brachydanio rerio | Fish |
| CAS: 1333-86-4 | EC50 | 5600 mg/L (24 h) | Daphnia magna | Crustacean |
| | EC50 | Non-applicable | | |

Chronic toxicity:

| Identification | Concentration | | Species | Genus |
|-----------------|---------------|----------------|---------------------|------------|
| N-butyl acetate | NOEC | Non-applicable | | |
| CAS: 123-86-4 | NOEC | 23.2 mg/L | Daphnia magna | Crustacean |
| Xylene | NOEC | 1.3 mg/L | Oncorhynchus mykiss | Fish |
| CAS: 1330-20-7 | NOEC | 1.17 mg/L | Ceriodaphnia dubia | Crustacean |

12.2 Persistence and degradability:

Substance-specific information:

| Identification | Degr | adability | Biodegradability | | |
|-----------------|----------|----------------|------------------|----------------|--|
| N-butyl acetate | BOD5 | Non-applicable | Concentration | Non-applicable | |
| CAS: 123-86-4 | COD | Non-applicable | Period | 5 days | |
| | BOD5/COD | Non-applicable | % Biodegradable | 84 % | |
| Xylene | BOD5 | Non-applicable | Concentration | Non-applicable | |
| CAS: 1330-20-7 | COD | Non-applicable | Period | 28 days | |
| | BOD5/COD | Non-applicable | % Biodegradable | 88 % | |

12.3 Bioaccumulative potential:

Substance-specific information:

| Identification | | Bioaccumulation potential | | |
|----------------------------------|--|---------------------------|------|--|
| N-butyl acetate CAS: 123-86-4 | | BCF | 4 | |
| | | Pow Log | 1.78 | |
| | | Potential | Low | |
| Xylene | | BCF | 9 | |
| CAS: 1330-20-7 | | Pow Log | 2.77 | |
| | | Potential | Low | |

12.4 Mobility in soil:

| Identification | Absorption/desorption | | Volatility | |
|-----------------|-----------------------|----------------------|------------|------------------|
| Dimethyl ether | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 115-10-6 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 1.136E-2 N/m (25 °C) | Moist soil | Non-applicable |
| N-butyl acetate | Koc | Non-applicable | Henry | Non-applicable |
| CAS: 123-86-4 | Conclusion | Non-applicable | Dry soil | Non-applicable |
| | Surface tension | 2.478E-2 N/m (25 °C) | Moist soil | Non-applicable |
| Xylene | Koc | 202 | Henry | 524.86 Pa·m³/mol |
| CAS: 1330-20-7 | Conclusion | Moderate | Dry soil | Yes |
| | Surface tension | Non-applicable | Moist soil | Yes |

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

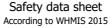
13.1 Disposal methods:

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations. In case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. Waste should not be disposed of to drains. See epigraph 6.2.

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SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Regulations related to waste management:

Legislation related to waste management:

Canadian Environmental Protection Act, 1999

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to Transportation of Dangerous Goods Regulations including Amendment SOR/2017-100



14.1 UN number: UN195014.2 United Nations proper AEROSOLS

shipping name:

14.3 Transport hazard class(es): 2 Labels: 2.1

14.4 Packing group: N/A **14.5 Environmental hazard:** No

14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Physico-Chemical properties: see section 9

14.7 Transport in bulk (according Non-applicable to Annex II of MARPOL 73/78 and the IBC Code):

Transport of dangerous goods by sea:

With regard to IMDG 40-20:

14.1 UN number: UN1950
14.2 United Nations proper shipping name: AEROSOLS



 14.3
 Transport hazard class(es):
 2

 Labels:
 2.1

 14.4
 Packing group:
 N/A

 14.5
 Marine pollutant:
 No

14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Special regulations: 63, 959, 190, 277, 327, 344

EmS Codes: F-D, S-U
Physico-Chemical properties: see section 9

Limited quantities: 1 L

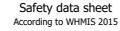
Segregation group: Non-applicable **14.7 Transport in bulk (according** Non-applicable

to Annex II of MARPOL 73/78 and the IBC Code):

Transport of dangerous goods by air:

With regard to IATA/ICAO 2023:

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SECTION 14: TRANSPORT INFORMATION (continued)



14.1 UN number: UN195014.2 United Nations proper AEROSOLS

shipping name:

14.3 Transport hazard class(es): 2

 Labels: 2.1

 14.4 Packing group: N/A
 14.5 Environmental hazard: No

14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Physico-Chemical properties: see section 9

14.7 Transport in bulk (according Non-applicable to Annex II of MARPOL

73/78 and the IBC Code):

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question:

- Domestic Substances List (DSL): *Dimethyl ether (115-10-6)*; *N-butyl acetate (123-86-4)*; *Xylene (1330-20-7)*; *Carbon black (1333-86-4)*
- Non-Domestic Substances List (NDSL): Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Canadian Environmental Protection Act, 1999

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Part 4 and Schedule I of the Hazardous Products Regulations (SOR/2015-17)

Texts of the legislative phrases mentioned in section 2:

H373: May cause damage to organs through prolonged or repeated exposure (Oral).

H222: Extremely flammable aerosol.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

WHMIS 2015:

Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.

Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.

Carc. 2: H351 - Suspected of causing cancer.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Flam. Gas 1A: H220 - Extremely flammable gas.

Flam. Lig. 3: H226 - Flammable liquid and vapour.

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

Skin Irrit. 2: H315 - Causes skin irritation.

STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral).

STOT SE 3: H335 - May cause respiratory irritation.

STOT SE 3: H336 - May cause drowsiness or dizziness.

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://whmis.org/

Abbreviations and acronyms:



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SECTION 16: OTHER INFORMATION (continued)

IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient Koc: Partition coefficient of organic carbon IARC: International Agency for Research on Cancer

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The information contained in this safety data sheet is based on sources, technical knowledge and current legislation, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

END OF SAFETY DATA SHEET

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