

SAFETY DATA SHEET

Section 1. Identification

Prepared for

ATTN:

2200 98e rue saint-Georges, QC

Product no.

Product - Class

Material uses

Customer Part Number

Customer ShipTo ID

Industrial surface coatings and finishes.

Relevant identified uses of the substance or mixture and uses advised against
FOR INDUSTRIAL USE ONLY

Section 2. Hazard identification

- Category 2

- Category 2

**Classification of the
substance or mixture**

Signal word : Warning

Hazard statements : Suspected of damaging fertility or the unborn child.

Hazard pictograms :

Precautionary statements

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing.

Response : IF exposed or concerned: Get medical attention.

Storage : Store locked up.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

GHS label elements

**Supplemental label
elements**

Section 2. Hazard identification

**Other hazards which do not
result in classification**

: None known.

Section 3. Composition/information on ingredients

2-(2-methoxyethoxy)ethanol 5 - 10 111-77-3

synthetic amorphous silica 1 - 3 7631-86-9

Ingredient name CAS number

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

**Other means of
identification**

: Not available.

CAS number : Not applicable.

Substance/mixture

Product code : MWW621-0035

CAS number/other identifiers

:

Occupational exposure limits, if available, are listed in Section 8.

Mixture

% (w/w)

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Section 4. First-aid measures

Eye contact

Skin contact

Inhalation

Ingestion :

Description of necessary first aid measures

Most important symptoms/effects, acute and delayed

Inhalation : No known significant effects or critical hazards.

No known significant effects or **Ingestion :** critical hazards.

Skin contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data.

Potential acute health effects

-aid measures

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It

may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Skin contact

Ingestion

Inhalation Adverse symptoms may include the following:

reduced fetal weight

increase in fetal deaths

skeletal malformations

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reduced fetal weight
increase in fetal deaths
skeletal malformations

:
:
:

See toxicological information (Section 11)

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

Section 5. Fire-fighting measures

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Hazardous thermal
decomposition products
Specific hazards arising
from the chemical**

Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides. In a fire or if heated, a pressure increase will occur and the container may burst. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Special protective
equipment for fire-fighters**

Use an extinguishing agent suitable for the surrounding fire.

Extinguishing media

:

None known.

**Suitable extinguishing
media**

:

**Unsuitable extinguishing
media**

:

**Special protective actions
for fire-fighters**

:

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For non-emergency
personnel**

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Section 6. Accidental release measures

Environmental precautions

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Large spill :

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Small spill :

Methods and materials for containment and cleaning up

Section 7. Handling and storage

Advice on general

occupational hygiene

Conditions for safe storage,

including any

incompatibilities

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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:

Protective measures Put on appropriate personal protective equipment (see Section 8). Avoid exposure -

obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

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Precautions for safe handling

None.

Section 8. Exposure controls/personal protection

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Appropriate engineering controls

: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Control parameters

Occupational exposure limits

Section 8. Exposure controls/personal protection

Hand protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Eye/face protection

Respiratory protection :

:
:

Body protection Personal protective equipment for the body should be selected based on the task

being performed and the risks involved and should be approved by a specialist before handling this product.

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Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Hygiene measures :

Individual protection measures

Skin protection

Other skin protection : Appropriate footwear and any additional skin protection measures should be

selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Section 9. Physical and chemical properties

Physical state

Melting point

Vapor pressure

Density

Vapor density

Solubility

Liquid.

Not available.

1.04 g/cm³

< 1 (Air = 1) (Calculation method)

17.5 mm Hg (2.3275 kPa) (Highest known value: water)

Not available.

Odor Not available.

pH

Color Not available.

Evaporation rate Highest known value: Less than 1. (2-(2-methoxyethoxy)ethanol) compared with

butyl acetate

Auto-ignition temperature

Flash point

Not applicable.

Closed cup: >93.3°C (>199.9°F) [Product does not sustain combustion.]

Not available.

8.5 to 9

Viscosity Not available.

Odor threshold Not available.

**Partition coefficient: noctanol/
water**

Appearance

Boiling point : 100 - 198 °C (212 - 388.4 °F)

Flammability (solid, gas) : Not available.

**Lower and upper explosive
(flammable) limits**

: Not determined.

Decomposition temperature : Not available.

Section 10. Stability and reactivity

**Hazardous decomposition
products**

Conditions to avoid No specific data.

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

The **Chemical stability** product is stable.

No specific data.

Incompatible materials :

**Possibility of hazardous
reactions**

: Under normal conditions of storage and use, hazardous reactions will not occur.

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Section 11. Toxicological information

Acute toxicity

2-(2-methoxyethoxy)ethanol LD50 Dermal Rabbit 2550 mg/kg -
LD50 Oral Rat 4080 mg/kg -

Product/ingredient name Result Species Dose Exposure

Carcinogenicity

Not available.

Mutagenicity

Not available.

Teratogenicity

2-(2-methoxyethoxy)ethanol Positive - Unreported Mammal -
species
unspecified

- -

Product/ingredient name Result Species Dose Exposure

Reproductive toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Information on the likely

routes of exposure

Eye contact : No known significant effects or critical hazards.

Specific target organ toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Not available.

Not available.

Aspiration hazard

Not available.

Information on toxicological effects

: Not available.

Potential acute health effects

Section 11. Toxicological information

Not available.

Inhalation : No known significant effects or critical hazards.

No known significant effects or **Ingestion :** critical hazards.

Skin contact : No known significant effects or critical hazards.

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : Suspected of damaging the unborn child.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : Suspected of damaging fertility.

Symptoms related to the physical, chemical and toxicological characteristics

Skin contact

Ingestion

Inhalation Adverse symptoms may include the following:reduced fetal weightincrease in fetal deathsskeletal malformationsAdverse symptoms may include the following:reduced fetal weightincrease in fetal deathsskeletal malformationsAdverse symptoms may include the following:reduced fetal weightincrease in fetal deathsskeletal malformations

Eye contact : No specific data.

Potential chronic health effects

Delayed and immediate effects and also chronic effects from short and long term exposure

Numerical measures of toxicity

Oral 35226.2 mg/kg

Dermal 28333.3 mg/kg

Route ATE value

Acute toxicity estimates

Potential immediate

effects

: Not available.

Short term exposure

Potential delayed effects : Not available.

Potential immediate

effects

: Not available.

Long term exposure

Potential delayed effects : Not available.

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Section 12. Ecological information

Bioaccumulative potential

Other adverse effects : No known significant effects or critical hazards.

Not available.

Toxicity

Not available.

Persistence and degradability

Soil/water partition

coefficient (K_{oc})

: Not available.

Mobility in soil

Not available.

Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal methods :

Section 14. Transport information

-
Not regulated.

-
Not regulated.

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IMDG IATA
UN number
UN proper
shipping name
Transport
hazard class(es)
Packing group
Additional
information
Environmental
hazards
No. No.

DOT
Classification
Not regulated.

-
-
-
No.

-
TDG
Classification
Not regulated.

-
-
-
No.

-
Please Note: The information provided in section 14 is based on a bulk package shipment via ground transport in North America. All shippers are responsible for ensuring the proper transportation classification and package/ container requirements are followed for the relevant mode of transport.

Section 14. Transport information

Special precautions for user
Transport in bulk according
to Annex II of MARPOL and
the IBC Code

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

: Not available.
:

Section 15. Regulatory information

Inventory list

Australia : At least one component is not listed.

Canada inventory : At least one component is not listed.

China : All components are listed or exempted.

Europe : Not determined.

Japan : Japan inventory (ENCS): Not determined.

Japan inventory (ISHL): Not determined.

Republic of Korea : Not determined.

Malaysia : Not determined.

New Zealand : Not determined.

Philippines : Not determined.

Taiwan : Not determined.

United States : All components are listed or exempted.

Canadian lists

None of the components **Canadian NPRI** : are listed.

CEPA Toxic substances : None of the components are listed.

Turkey : Not determined.

WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

WARNING: This product contains less than 1% of a chemical known to the State of California to cause birth defects

or other reproductive harm.

methanol No. Yes. No. No.

formaldehyde Yes. No. No. No.

diethylenedioxide Yes. No. No. No.

Ingredient name Cancer Reproductive No significant risk level

Maximum

acceptable dosage

level

California Prop. 65

Section 16. Other information

11/23/2021

History

Date of printing

Date of issue/Date of

revision

Version

Date of previous issue

:

:

:

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Key to abbreviations : ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

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0.03

Section 16. Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Notice to reader

Indicates information that has changed from previously issued version.

References : Not available.

UN = United Nations

HPR = Hazardous Products Regulations

Procedure used to derive the classification

Classification Justification

TOXIC TO REPRODUCTION (Fertility) - Category 2 Calculation method

TOXIC TO REPRODUCTION (Unborn child) - Category 2 Calculation method