

SAFETY DATA SHEET EPXW - UNCURED EPOXY CLEANER, PRESATURATED WIPES

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name EPXW - UNCURED EPOXY CLEANER, PRESATURATED WIPES

Product number MCC-EPXW, MCC-EPXWR

Synonyms; trade names "EPXW-Expoxy Solvent Presaturated Wipes"; "EPXWR-Expoxy Solvent Presaturated Wipes,

Refill" "EXPOXY"

Recommended use of the chemical and restrictions on use

Application Cleaning agent.

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier MICROCARE LLC

Manufacturer MICROCARE LLC

595 John Downey Drive New Britain, CT 06051 United States of America

CAGE: OATV9

Tel: + 1 800 638 0125, +1 860-827-0626

techsupport@microcare.com

Emergency telephone number

Emergency telephone INFOTRAC 1-800-535-5053 (U.S.A. and CANADA)

1-352-323-3500 (from anywhere in the world)

2. Hazard(s) identification

Classification of the substance or mixture

OSHA Regulatory Status This Product is Hazardous under the OSHA Hazard Communication Standard.

Physical hazards Flam. Liq. 3 - H226

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 STOT SE 3 - H336

Environmental hazards Not Classified

Physicochemical The product is flammable. Vapors may form explosive mixtures with air. Vapors are heavier

than air and may travel along the floor and accumulate in the bottom of containers.

Label elements

Hazard symbols





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Signal word Warning

Hazard statements H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.

P261 Avoid breathing vapor/ spray.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 If on skin: Wash with plenty of water.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

Supplemental label

information

Safety data sheet available on request. For use in industrial installations only.

Contains 1-ETHOXYPROPAN-2-OL, 1-METHOXY-2-PROPANOL

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

1-propoxypropan-2-ol 30-60%

CAS number: 1569-01-3

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319

1-ETHOXYPROPAN-2-OL 30-60%

CAS number: 1569-02-4

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336

1-METHOXY-2-PROPANOL 5-10%

CAS number: 107-98-2

Classification

Flam. Liq. 3 - H226 STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

Composition comments TSCA: The ingredients of this product are on the TSCA Inventory. The exact percentage

(concentration) of composition has been withheld as a trade secret in accordance with

paragraph (i) of CFR 1900.1200

Composition

4. First-aid measures

Description of first aid measures

General information Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical

personnel.

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for

breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery

position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if

the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical

attention if symptoms are severe or persist.

Skin Contact Rinse with water.

Eye contact Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart.

Get medical attention if any discomfort continues.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation A single exposure may cause the following adverse effects: Pain or irritation. Intoxication.

Narcotic effect. Muscle weakness. Nausea, vomiting.

Ingestion A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting.

May cause drowsiness or dizziness. Central nervous system depression. May cause severe

internal injury.

Skin contact A single exposure may cause the following adverse effects: Pain.

Eye contact Irritating to eyes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder

or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards Combustible Liquid. Materials such as cleaning rags and paper wipes that are contaminated

with flammable liquids may self-ignite after use and should be stored in designated fireproof

containers with tight-fitting, self-closing lids.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapors.

Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid inhalation of vapors and spray/mists. Use suitable respiratory protection if ventilation is inadequate.

Environmental precautions

Environmental precautions

Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. The contaminated absorbent may pose the same hazard as the spilled material. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep away from oxidizing materials,

heat and flames. Keep only in the original container. Keep container tightly closed, in a cool,

well ventilated place. Keep containers upright. Protect containers from damage.

Storage class Flammable liquid storage.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

Reference to other sections. Store away from incompatible materials (see Section 10).

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): ACGIH 50 ppm 184 mg/m³ Short-term exposure limit (15-minute): ACGIH 100 ppm 369 mg/m³ A4

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Exposure controls

Protective equipment





Appropriate engineering

controls

Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection

No specific hand protection recommended.

Other skin and body

protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection

Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

Environmental exposure controls

Keep container tightly sealed when not in use. 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.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Clear liquid.

Color Colorless.

Odor Mild. Alcoholic.

Odor threshold

PH

No information available.

No information available.

No information available.

Initial boiling point and range 120 - 150°C/248 - 302°F @ 101.3 kPa

Flash point 41°C/106°F Tag closed cup.

Evaporation rate

No information available.

Evaporation factor

No information available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or

explosive limits

Lower flammable/explosive limit: N/A Upper flammable/explosive limit: N/A

Other flammability No information available.

Vapor pressure 0.62 kPa @ 20°C

Vapor density 4.0

Relative density

No information available.

Bulk density

No information available.

Solubility(ies) Soluble in water.

Partition coefficient

No information available.

Auto-ignition temperature

No information available.

No information available.

Viscosity

No information available.

Explosive propertiesThe product is highly flammable. Vapors may form explosive mixtures with air.

Oxidizing properties There are no chemical groups present in the product that are associated with oxidizing

properties.

Global Warming Potential

(GWP)

Surface tension

Refractive index No information available.

Particle size Not applicable.

Molecular weight No information available.

Volatility 100%

Saturation concentration No information available.

Critical temperature No information available.

Volatile organic compound This product contains a maximum VOC content of 860 g/l. This product contains a maximum

VOC content of 60 %.

Heat of vaporization (at boiling point), cal/g (Btu/lb)

10. Stability and reactivity

Reactivity See the other subsections of this section for further details.

Stable at normal ambient temperatures and when used as recommended. Stable under the

prescribed storage conditions.

Possibility of hazardous

reactions

The following materials may react strongly with the product: Oxidizing agents.

Conditions to avoid Avoid heat, flames and other sources of ignition. Containers can burst violently or explode

when heated, due to excessive pressure build-up. Static electricity and formation of sparks

must be prevented.

Materials to avoid Oxidizing materials. Acids - oxidizing.

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD50) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitroBased on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity Contains a substance/a group of substances which may cause cancer. IARC Group 1

Carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

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Reproductive toxicity -

development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure STOT SE 3 - H336 May cause drowsiness or dizziness. STOT SE 2 - H371 May cause

damage to organs.

Target organs Central nervous system

Specific target organ toxicity - repeated exposure

STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazardBased on available data the classification criteria are not met.

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation A single exposure may cause the following adverse effects: Pain or irritation. Intoxication.

Narcotic effect. Muscle weakness. Nausea, vomiting.

Ingestion A single exposure may cause the following adverse effects: Intoxication. Nausea, vomiting.

May cause drowsiness or dizziness. Central nervous system depression. May cause severe

internal injury.

Skin Contact A single exposure may cause the following adverse effects: Pain.

Eye contact Irritating to eyes.

Acute and chronic health

hazards

Keep out of the reach of children.

Route of exposure Ingestion Inhalation Skin and/or eye contact

Target Organs Central nervous system

12. Ecological information

Ecotoxicity There are no data on the ecotoxicity of this product.

Toxicity Not considered toxic to fish.

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient No information available.

Mobility in soil

Mobility No data available.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

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General information The generation of waste should be minimized or avoided wherever possible. Reuse or recycle

products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product

residues and hence be potentially hazardous.

Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a

licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is

not feasible.

14. Transport information

General Requirements for marking and labeling of package varies depending on mode of transport. If

uncertain of proper markings and labeling, call MicroCare for assistance.

Road transport notes As supplied, this product is consigned under the Limited Quantities provisions.

Air transport notes Forbidden for passenger and cargo aircraft.

DOT transport notesAs supplied, this product is consigned under the Limited Quantities provisions.

UN Number

UN No. (IMDG) 3175

UN proper shipping name

Proper shipping name (TDG) Limited Quantity

Proper shipping name (IMDG) UN3175, SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (1-propoxy-2-propanol), 4.1,

PGII, Limited Quantity

Proper shipping name (ICAO) ID8000, Consumer Commodity, 9, Limited Quantity

Proper shipping name (DOT) Limited Quantity

Transport hazard class(es)

TDG class 4.1

TDG label(s) 4.1

IMDG Class 4.1

ICAO class/division 9

Packing group

IMDG packing group

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

EmS F-A, S-I

Transport in bulk according to Not applicable. No information required.

Annex II of MARPOL 73/78

and the IBC Code

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

Not listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Not listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

Not listed.

SARA 313 Emission Reporting

Not listed.

CAA Accidental Release Prevention

Not listed.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

Acute Chronic Fire

OSHA Highly Hazardous Chemicals

Not listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Not listed.

California Air Toxics "Hot Spots" (A-I)

1-METHOXY-2-PROPANOL

Present.

California Air Toxics "Hot Spots" (A-II)

Not listed.

California Directors List of Hazardous Substances

1-METHOXY-2-PROPANOL

Present.

Massachusetts "Right To Know" List

1-METHOXY-2-PROPANOL

Present.

Rhode Island "Right To Know" List

1-METHOXY-2-PROPANOL

Present.

Minnesota "Right To Know" List

1-METHOXY-2-PROPANOL

Present.

New Jersey "Right To Know" List

1-METHOXY-2-PROPANOL

Present.

Pennsylvania "Right To Know" List

1-METHOXY-2-PROPANOL

Present.

Inventories

EU - EINECS/ELINCS

Not listed.

Canada - DSL/NDSL

DSL

US-TSCA

Yes

1-propoxypropan-2-ol

Present.

1-METHOXY-2-PROPANOL

Present.

US - TSCA 12(b) Export Notification

Not listed.

Australia - AICS

Not listed.

16. Other information

Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service. ATE: Acute toxicity estimate.

LC₅o: Lethal concentration to 50 % of a test population.

LD₅₀: Lethal dose to 50% of a test population (median lethal dose).

EC₅₀: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

Classification abbreviations

and acronyms

Flam. Liq. = Flammable liquid Eye Irrit. = Eye irritation

STOT SE = Specific target organ toxicity-single exposure

Training advice Only trained personnel should use this material.

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

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Revision 44

Supersedes date 9/9/2020

SDS No. PRESAT - EPX

SDS status Approved.

Hazard statements in full H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.