

Safety Data Sheet

ULTRACOAT EASY 10 NA

Safety Data Sheet dated: 06/16/2021 - version 3

Date of first edition: 01/25/2021



1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: ULTRACOAT EASY 10 NA

Trade code: 9073697

Recommended use of the chemical and restrictions on use

Recommended use: Coating

Restrictions on use: Not available

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: MAPEI CORP. (USA and Puerto Rico)

1144 East Newport Center Drive - 33442 - Deerfield Beach - FL - USA

Responsible: RDProductSafety@mapei.com

Emergency 24 hour numbers:

Emergency Number (USA/Canada) CHEMTREC 1(800) 424-9300 / 1(703) 527-3887

Emergency Transport CANUTEC (Canada) 1-613-996-6666

2. HAZARD(S) IDENTIFICATION



Classification of the chemical

Skin Sens. 1 May cause an allergic skin reaction.

Label elements

Hazard pictograms and Signal Word



Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see supplementary instructions on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with applicable regulations.

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not available

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

List of components

Concentra	Name	Ident. Numb.	Classification	Registration Number
-----------	------	--------------	----------------	---------------------

tion (%
w/w)

5-10 %	dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol	CAS:34590-94-8	Flam. Liq. 4, H227; Eye Irrit. 2B, H320
0.49-1 %	ethylene glycol; ethane-1,2-diol	CAS:107-21-1	Acute Tox. 4, H302; STOT RE 2, H373; Eye Irrit. 2B, H320; STOT SE 2, H371
0.49-1 %		CAS:126-86-3	Eye Dam. 1, H318; Aquatic Chronic 3, H412; Skin Sens. 1, H317

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

- Immediately take off all contaminated clothing.
- OBTAIN IMMEDIATE MEDICAL ATTENTION.
- Obtain medical attention if skin related symptoms persist.
- Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

- Wash immediately with water.

In case of Ingestion:

- Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

- Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Not available

Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

- (see paragraph 4.1)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

- Water.
- Carbon dioxide (CO₂).

Unsuitable extinguishing media:

- None in particular.

Specific hazards arising from the chemical

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: Not available
- Explosive properties: Not Relevant
- Oxidizing properties: Not Relevant

Special protective equipment and precautions for fire-fighters

- Use suitable breathing apparatus.
- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Wear personal protection equipment.
- Remove persons to safety.
- Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
- Limit leakages with earth or sand.

Methods and material for containment and cleaning up

- Suitable material for taking up: absorbing material, organic, sand
- Retain contaminated washing water and dispose it.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: Not available

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

List of components with OEL value

Component	OEL Type	Country	Ceiling	Long Term mg/m3	Long Term ppm	Short Term mg/m3	Short Term ppm	Behaviour	Note
dipropylene glycol monomethyl ether; (2-methoxymethylethoxy) propanol	OSHA			600	100				prevent or reduce skin absorption;
	ACGIH				100		150		Skin - potential significant contribution to overall exposure by the cutaneous route;CNS impairment;eye and upper respiratory tract irritation;
	EU			308	50			Indicative	Possibility of significant uptake through the skin;
	MAK	GERMANY		310	50				
	OSHA			600	100				prevent or reduce skin absorption
	ACGIH				100		150		Skin - potential significant contribution to overall exposure by the cutaneous route;CNS impairment;eye and upper respiratory tract irritation
	MAK	AUSTRIA		307	50	614	100		
	MAK	SWITZERLAND		300	50				
	EU			308	50			Indicative	Possibility of significant uptake through the skin
	ACGIH		C			100			
	EU			52	20	104	40	Indicative	Possibility of significant uptake through the skin;
	MAK	GERMANY		26	10				
ethylene glycol; ethane-1,2-diol	ACGIH				25	10	50		A4 - Not Classifiable as a Human Carcinogen;upper respiratory tract irritation
	MAK	AUSTRIA		26	10	52	20		
	MAK	SWITZERLAND		26	10				
	EU			52	20	104	40	Indicative	Possibility of significant uptake through the skin

Appropriate engineering controls: Not available

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable materials for safety gloves; 29 CFR 1910.138 - ANSI/ISEA 105:

Polychloroprene - CR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Nitrile rubber - NBR: thickness $\geq 0,35\text{mm}$; breakthrough time $\geq 480\text{min}$.

Butyl rubber - IIR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluorinated rubber - FKM: thickness $\geq 0,4\text{mm}$; breakthrough time $\geq 480\text{min}$.

Use impervious gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Respiratory protection must be used where exposure levels exceed workplace exposure limits. Refer to 29 CFR 1910.134 - CSA Z94.4 for information on selection and use of appropriate respiratory protection equipment.

Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: Liquid white

Odour: not applicable

Odour threshold: Not Relevant

pH: 8.50

Melting point / freezing point: Not Relevant

Initial boiling point and boiling range: 100 °C (212 °F)

Flash point: 100 °C (212 °F)

Evaporation rate: Not Relevant

Upper/lower flammability or explosive limits: Not Relevant

Vapour density: Not Relevant

Vapour pressure: Not Relevant

Relative density: 8.70 g/cm³

Solubility in water: Not Relevant

Solubility in oil: Not Relevant

Partition coefficient (n-octanol/water): Not Relevant

Auto-ignition temperature: Not Relevant

Decomposition temperature: Not Relevant

Viscosity: Not Relevant

Explosive properties: Not Relevant

Oxidizing properties: Not Relevant

Solid/gas flammability: Not Relevant

Other information

Substance Groups relevant properties Not Relevant

Miscibility: Not Relevant

Fat Solubility: Not Relevant

Conductivity: Not Relevant

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Data not available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information of the main substances found in the product:

dipropylene glycol monomethyl ether; (2- methoxymethylethoxy) propanol	a) acute toxicity	LD50 Skin Rabbit = 9500 mg/kg LD50 Oral Rat = 5230 mg/kg LD50 Oral Rat = 535 g/kg LD50 Oral Rat = 5,35 g/kg
ethylene glycol; ethane- 1,2-diol	a) acute toxicity	LD50 Oral Rat = 4000 mg/kg LD50 Skin Rat = 10600 mg/kg LD50 Oral Rat = 4700 mg/kg
	a) acute toxicity	LD50 Skin Rabbit > 1000 mg/kg LC50 Inhalation Rat > 20 mg/l 1h LD50 Oral Rat > 500 mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- a) acute toxicity
- b) skin corrosion/irritation
- c) serious eye damage/irritation
- d) respiratory or skin sensitisation
- e) germ cell mutagenicity
- f) carcinogenicity
- g) reproductive toxicity
- h) STOT-single exposure
- Toxicological kinetics, metabolism
and distribution information
- i) STOT-repeated exposure
- j) aspiration hazard

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of components with eco-toxicological properties

Component	Ident. Numb.	Ecotox Infos
-----------	--------------	--------------

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol

CAS: 34590-94-8

a) Aquatic acute toxicity : LC50 Fish Pimephales promelas > 10000 mg/L 96h IUCLID

a) Aquatic acute toxicity : LC50 Daphnia Daphnia magna = 1919 mg/L 48h IUCLID

ethylene glycol; ethane-1,2-diol

CAS: 107-21-1

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 41000 mg/L 96h IUCLID

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss 14 mL/L 96h EPA

a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 27540 mg/L 96h EPA

a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 40000 mg/L 96h EPA

a) Aquatic acute toxicity : LC50 Fish Poecilia reticulata = 16000 mg/L 96h IUCLID

a) Aquatic acute toxicity : EC50 Daphnia Daphnia magna = 46300 mg/L 48h IUCLID

a) Aquatic acute toxicity : EC50 Algae Pseudokirchneriella subcapitata 6500 mg/L 96h IUCLID

a) Aquatic acute toxicity : LC50 Fish Oncorhynchus mykiss = 40761 mg/L 96h IUCLID

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

Not available

Other adverse effects

Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Methods of disposal:

Disposal of this product, solutions, packaging 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.

Do not dispose of waste into sewers.

Disposal considerations:

Do not allow to enter drains or watercourses.

Dispose of product according to all federal, state and local applicable regulations.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions. For further information, contact your local waste authority.

Special precautions:

This material and its container must be disposed of in a safe way. Care should be taken when handling untreated empty containers.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Empty containers or liners may retain some product residues. Do not re-use empty containers.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

UN number

ADR-UN number: Not available

DOT-UN Number: Not available

IATA-Un number: Not available

IMDG-Un number: Not available

UN proper shipping name

ADR-Shipping Name: Not available
DOT-Proper Shipping Name: Not available
IATA-Technical name: Not available
IMDG-Technical name: Not available

Transport hazard class(es)

ADR-Class: Not available
DOT-Hazard Class: Not available
IATA-Class: Not available
IMDG-Class: Not available

Packing group

ADR-Packing Group: Not available
DOT-Packing group: Not available
IATA-Packing group: Not available
IMDG-Packing group: Not available

Environmental hazards

Marine pollutant: No
Environmental Pollutant: Not available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not available

Special precautions

Department of Transportation (DOT):

Not available

Road and Rail (ADR-RID) :

Not available

Air (IATA) :

Not available

Sea (IMDG) :

Not available

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol is listed in TSCA Section 8b Section 8a - PAIR Section 12b

ethylene glycol; ethane-1,2-diol is listed in TSCA Section 8b Section 5
is listed in TSCA Section 8b

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

ethylene glycol; ethane-1,2-diol

Section 313 - Toxic chemical list:

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol
ethylene glycol; ethane-1,2-diol

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

ethylene glycol; ethane-1,2-diol Reportable quantity: 5000 pounds

CAA - Clean Air Act

CAA listed substances:

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol is listed in CAA Section 112(b) - HAP Section 112(b) - HON

ethylene glycol; ethane-1,2-diol is listed in CAA Section 112(b) - HAP Section 112(b) - HON

CWA - Clean Water Act

CWA listed substances:

No substances listed

USA - State specific regulations**California Proposition 65****Substance(s) listed under California Proposition 65:**

ethylene glycol; ethane-1,2-diol Listed as reproductive toxicant

Massachusetts Right to know**Substance(s) listed under Massachusetts Right to know:**

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol

ethylene glycol; ethane-1,2-diol

Pennsylvania Right to know**Substance(s) listed under Pennsylvania Right to know:**

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol

ethylene glycol; ethane-1,2-diol

New Jersey Right to know**Substance(s) listed under New Jersey Right to know:**

dipropylene glycol monomethyl ether; (2-methoxymethylethoxy)propanol

ethylene glycol; ethane-1,2-diol

Canada - Federal regulations**DSL - Domestic Substances List****DSL (Domestic Substances List)**

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List**NDSL (Non Domestic Substances List)**

No substances listed

NPRI - National Pollutant Release Inventory**NPRI (National Pollutant Release Inventory) - List of substances listed.**

No substances listed

16. OTHER INFORMATION

Safety Data Sheet dated: 6/16/2021 - version 3

Additional classification information

NFPA Health: 1 = Slight

NFPA Flammability: 1 = Combustible if heated

NFPA Reactivity: 0 = Minimal

NFPA Special Risk: Not available



NFPA

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Code	Description
H227	Combustible liquid.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H320	Causes eye irritation.
H371	May cause damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
EINECS: European Inventory of Existing Commercial Chemical Substances.
INCI: International Nomenclature of Cosmetic Ingredients.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
GefStoffVO: Ordinance on Hazardous Substances, Germany.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
WGK: German Water Hazard Class.
KSt: Explosion coefficient.

Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 2. HAZARDS IDENTIFICATION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION