Safety Data Sheet
MAPEFLOOR FINISH HTR NA /A
Safety Data Sheet dated: 11/11/2024 - version 1
Date of first edition: 11/11/2024

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: MAPEFLOOR FINISH HTR NA /A

Trade code: 9025637

Recommended use of the chemical and restrictions on use

Recommended use: Polyurethanic coating

Restrictions on use: Data 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

Phone: 954-246-8888

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

Flammable Liquids — Category 3	Flammable liquid and vapour.
Skin Sensitization, Category 1	May cause an allergic skin reaction.
Specific target organ toxicity following single exposure, Category 3	May cause drowsiness or dizziness.

Label elements

Hazard pictograms and Signal Word

Warning

Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.

Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/clothing and eye/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a doctor if you feel unwell.

P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire, use a dry powder fire extinguisher to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
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 Relevant

Mixtures

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

List of components

Qty	Name	Ident. Numb.	Classification	Registration Number
25-50 %	n-butyl acetate; acetic acid, butyl ester	CAS:123-86-4 EC:204-658-1 Index:607-025-00-1	Flam. Liq. 3, H226; STOT SE 3, H336	01-2119485493-29-XXXX
5-10 %	propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate	CAS:108-65-6 EC:203-603-9 Index:607-195-00-7	Flam. Liq. 3, H226; STOT SE 3, H336	01-2119475791-29-XXXX
0.49-1 %	poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-; [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl	CAS:104810-48-2 EC:400-830-7 Index:607-176-00-3	Skin Sens. 1, H317; Aquatic Chronic 2, H411	01-0000015075-76-XXXX
0.1-0.25 %	2-hydroxyethyl methacrylate; 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester	CAS:868-77-9 EC:212-782-2 Index:607-124-00-X	Eye Irrit. 2A, H319; Skin Irrit. 2, H315; Skin Sens. 1, H317	01-2119490169-29-XXXX

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:

In case of fire, use a dry powder fire extinguisher to extinguish.

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 available

Oxidizing properties: Not available

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.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

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.

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7. HANDLING AND STORAGE

Precautions for safe handling

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

Do not use on extensive surface areas in premises where there are occupants.

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

Always keep in a well ventilated place.

Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Store in a well-ventilated place. Keep cool.

Avoid direct exposure to sunlight.

Opened containers must be carefully resealed and kept upright to prevent leakage.

Flammable mixtures may accumulate within the headspace of containers at room temperature.

Storage at higher temperatures requires an appropriate evaluation of preventive and protection measures to be adopted.

Storage temperature must be defined on the basis of a proper risk evaluation. Refer to other sections for additional information.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Electrical installations / working materials must comply with the technological safety standards.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature: Not available

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Community Occupational Exposure Limits (OEL)

	OEL Type	Country	Occupational Exposure Limit
n-butyl acetate; acetic acid, butyl ester CAS: 123-86-4	ACGIH		Long Term: 50 ppm; Short Term: 150 ppm Eye and URT irr
	MAK	GERMANY	Long Term: 480 mg/m3 - 100 ppm
	OSHA		Long Term: 710 mg/m3 - 150 ppm
	ACGIH		Long Term: 50 ppm; Short Term: 150 ppm eye and upper respiratory tract irritation (listed under Butyl acetates, all isomers)
	MAK	AUSTRIA	Long Term: 480 mg/m3 - 100 ppm; Short Term: 480 mg/m3 - 100 ppm
	MAK	SWITZERLAND	Long Term: 480 mg/m3 - 100 ppm
	MAK	AUSTRIA	Short Term: Ceiling - 480 mg/m3 - 100 ppm
propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate CAS: 108-65-6	ACGIH		Long Term: 275 mg/m3 - 50 ppm; Short Term: 550 mg/m3 - 100 ppm Skin
	EU		Long Term: 275 mg/m3 - 50 ppm; Short Term: 550 mg/m3 - 100 ppm Skin
	EU		Long Term: 275 mg/m3 - 50 ppm; Short Term: 550 mg/m3 - 100 ppm Behaviour Indicative Possibility of significant uptake through the skin
	MAK	GERMANY	Long Term: 270 mg/m3 - 50 ppm
	MAK	AUSTRIA	Long Term: 275 mg/m3 - 50 ppm; Short Term: 550 mg/m3 - 100 ppm
	MAK	SWITZERLAND	Long Term: 275 mg/m3 - 50 ppm
	EU		Long Term: 275 mg/m3 - 50 ppm; Short Term: 550 mg/m3 - 100 ppm Behaviour Indicative Possibility of significant uptake through the skin

Predicted No Effect Concentration (PNEC) values

n-butyl acetate; acetic acid, butyl ester CAS: 123-86-4	Exposure Route: Fresh Water; PNEC Limit: 1.18 mg/l
	Exposure Route: Marine water; PNEC Limit: 0.018 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 0.981 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 0.0981 mg/kg
	Exposure Route: Intermittent release; PNEC Limit: 0.36 mg/l
	Exposure Route: Soil; PNEC Limit: 0.0903 mg/kg
propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate CAS: 108-65-6	Exposure Route: Fresh Water; PNEC Limit: 0.635 mg/l
	Exposure Route: Marine water; PNEC Limit: 0.0635 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 3.29 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 0.329 mg/kg
	Exposure Route: Intermittent release; PNEC Limit: 6.35 mg/l
	Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 100 mg/l
	Exposure Route: Soil; PNEC Limit: 0.29 mg/kg
poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-	Exposure Route: Fresh Water; PNEC Limit: 0.0023 mg/l

hydroxy-; [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl CAS: 104810-48-2	
	Exposure Route: Marine water; PNEC Limit: 0.00023 mg/l
	Exposure Route: Freshwater sediments; PNEC Limit: 3.06 mg/kg
	Exposure Route: Marine water sediments; PNEC Limit: 0.306 mg/kg
	Exposure Route: Intermittent release; PNEC Limit: 0.028 mg/l
2-hydroxyethyl methacrylate; 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester CAS: 868-77-9	Exposure Route: Marine water; PNEC Limit: 0.482 mg/l
	Exposure Route: Fresh Water; PNEC Limit: 0.482 mg/l
	Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 10 mg/l
	Exposure Route: Intermittent release; PNEC Limit: 1 mg/l
	Exposure Route: Marine water sediments; PNEC Limit: 3.79 mg/kg
	Exposure Route: Freshwater sediments; PNEC Limit: 3.79 mg/kg
	Exposure Route: Soil; PNEC Limit: 0.476 mg/kg

Derived No Effect Level (DNEL) values

n-butyl acetate; acetic acid, butyl ester CAS: 123-86-4	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects Worker Industry: 960 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects Worker Industry: 960 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Worker Industry: 480 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects Worker Industry: 480 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects Consumer: 859.7 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects Consumer: 859.7 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Consumer: 102.34 mg/m3
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects Consumer: 102.34 mg/m3
propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate CAS: 108-65-6	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Worker Industry: 796 mg/kg; Consumer: 320 mg/kg
	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Worker Industry: 275 mg/m3; Consumer: 33 mg/m3
	Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects Consumer: 36 mg/kg
	Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects Worker Industry: 550 mg/m3
poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-; [3-[3-(2H-	Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects Worker Industry: 0.35 mg/m3; Consumer: 0.085 mg/m3

Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl CAS: 104810-48-2	Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects Worker Industry: 0.5 mg/kg; Consumer: 0.25 mg/kg Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects Consumer: 0.025 mg/kg
2-hydroxyethyl methacrylate; 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester CAS: 868-77-9	Exposure Route: Human Dermal Worker Industry: 1.3 mg/kg; Consumer: 0.83 mg/kg Exposure Route: Human Inhalation Worker Industry: 4.9 mg/m3; Consumer: 2.9 mg/m3

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 >=0,5mm; breakthrough time >=480min.

Nitrile rubber - NBR: thickness >=0,35mm; breakthrough time >=480min.

Butyl rubber - IIR: thickness >=0,5mm; breakthrough time >=480min.

Fluorinated rubber - FKM: thickness >=0,4mm; breakthrough time >=480min.

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.

Use adequate protective respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: liquid transparent

Odour: solvent like

Odour threshold: No data available

pH: No data available

Melting point / freezing point: -78 °C (-108 °F)

Initial boiling point and boiling range: 77 °C (171 °F)

Flash point: 25 °C (77 °F)

Evaporation rate: No data available

Upper/lower flammability or explosive limits: No data available

Vapour density: No data available

Vapour pressure: 1.66 (kPa 50›C)

Relative density: 1.05 g/cm3

Solubility in water: insoluble

Solubility in oil: partly soluble

Partition coefficient (n-octanol/water): No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: 150.00 mPA-s

Explosive properties: No data available

Oxidizing properties: No data available

Solid/gas flammability: No data available

Other information

Substance Groups relevant properties No data available
Miscibility: No data available
Fat Solubility: No data available
Conductivity: No data available

10. STABILITY AND REACTIVITY

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

None.

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity	Not classified
	Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified
	Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified
	Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	The product is classified: Skin Sensitization, Category 1(H317)
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	The product is classified: Specific target organ toxicity following single exposure, Category 3(H336)
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

n-butyl acetate; acetic acid, butyl ester	a) acute toxicity	LC50 Inhalation Rat = 21.1 mg/l 4h
		LD50 Oral Rat > 6400 mg/kg
		LD50 Skin Rabbit > 5000 mg/kg
		LD50 Skin Rabbit > 17600 mg/kg
		LC50 Inhalation Rat = 390 ppm 4h
		LD50 Oral Rat = 10768 mg/kg
	g) reproductive toxicity	NOAEC = 2000 ppm
propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate	a) acute toxicity	LD50 Oral Rat > 5000 mg/kg

		LD50 Skin Rabbit > 5000 mg/kg
	e) germ cell mutagenicity	NOAEL Inhalation Rat = 1000 ppm
	g) reproductive toxicity	NOAEL Inhalation Rat = 500 ppm
poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-; [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl	a) acute toxicity	LD50 Oral Rat > 5000 mg/kg
		LC50 Inhalation Rat > 5.8 mg/l 4h
		LD50 Skin Rat > 2000 mg/kg
2-hydroxyethyl methacrylate; 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester	a) acute toxicity	LD50 Oral Rat = 5564 mg/kg bw
		LD50 Skin Rabbit > 5000 mg/kg bw

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 Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
n-butyl acetate; acetic acid, butyl ester	CAS: 123-86-4 - EINECS: 204-658-1 - INDEX: 607-025-00-1	a) Aquatic acute toxicity : LC50 Fish = 18 mg/L 96
		a) Aquatic acute toxicity : EC50 Daphnia = 44 mg/L 48
		a) Aquatic acute toxicity : EC50 Algae = 675 mg/L 72
		a) Aquatic acute toxicity : LC50 Fish Lepomis macrochirus = 100 mg/L 96h EPA
		a) Aquatic acute toxicity : LC50 Fish Pimephales promelas 17 mg/L 96h EPA
		a) Aquatic acute toxicity : EC50 Algae Desmodesmus subspicatus = 674.7 mg/L 72h IUCLID

propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate	CAS: 108-65-6 - EINECS: 203-603-9 - INDEX: 607-195-00-7	a) Aquatic acute toxicity : LC50 Fish = 130 mg/L 96h
		a) Aquatic acute toxicity : EC50 Daphnia >= 100 mg/L 48h
		b) Aquatic chronic toxicity : NOEC Fish = 47.5 mg/L - 14 d
		b) Aquatic chronic toxicity : NOEC Daphnia >= 100 mg/L - 21 d
		b) Aquatic chronic toxicity : NOEC Algae >= 1000 mg/L
poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-; [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1, 2-ethanediyl	CAS: 104810-48-2 - EINECS: 400-830-7 - INDEX: 607-176-00-3	a) Aquatic acute toxicity : LC50 Fish = 2.8 mg/L 96h
		a) Aquatic acute toxicity : EC50 Daphnia = 4 mg/L 48h
		a) Aquatic acute toxicity : EC50 Algae > 100 mg/L 72h
2-hydroxyethyl methacrylate; 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester	CAS: 868-77-9 - EINECS: 212-782-2 - INDEX: 607-124-00-X	a) Aquatic acute toxicity : LC50 Fish > 100 mg/L 96h
		a) Aquatic acute toxicity : EC50 Daphnia = 380 mg/L 48h
		a) Aquatic acute toxicity : EC50 Algae = 836 mg/L 72h
		b) Aquatic chronic toxicity : EC50 Bacteria = 2204 mg/L

Persistence and degradability

Component	Persitence/Degradability:
poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-; [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1, 2-ethanediyl	Non-readily biodegradable

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

N.A.

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

UN number

DOT-UN Number: UN1263
ADR-UN number: 1263
IATA-Un number: 1263
IMDG-Un number: 1263

UN proper shipping name

DOT-Proper Shipping Name: PAINT
ADR-Shipping Name: PAINT
IATA-Technical name: PAINT
IMDG-Technical name: PAINT

Transport hazard class(es)

DOT-Hazard Class: 3
ADR-Class: 3
IATA-Class: 3
IMDG-Class: 3

Packing group

DOT Packing Group: III
ADR-Packing Group: III
IATA-Packing group: III
IMDG-Packing group: III

Environmental hazards

Marine pollutant: No
Environmental Pollutant: Not Applicable
DOT-RQ: No

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

Not Applicable

Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): 367, B1, B52, B131, IB3, T2, TP1, TP29
DOT-Label(s): 3
DOT-Symbol: N/A
DOT-Cargo Aircraft: N/A
DOT-Passenger Aircraft: N/A
DOT-Bulk: N/A
DOT-Non-Bulk: N/A
DOT-Limited Quantity threshold: 5 L

Road and Rail (ADR-RID) :

ADR exempt: No
ADR-Label: 3
ADR-Hazard identification number: 30
ADR-Transport category (Tunnel restriction code): 3 (D/E)

Air (IATA) :

IATA-Passenger Aircraft: 355
IATA-Cargo Aircraft: 366
IATA-Label: 3
IATA-Subsidiary hazards: -
IATA-Erg: 3L
IATA-Special Provisioning: A3 A72 A192

Sea (IMDG) :

IMDG-Stowage Code: Category A
IMDG-Stowage Note: -
IMDG-Subsidiary hazards: -
IMDG-Special Provisioning: 163 223 367 955

IMDG-EMS: F-E, [S-E]

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

All the components are listed on the TSCA inventory

TSCA listed substances:

n-butyl acetate; acetic acid, butyl ester	is listed in TSCA	Section 8b
propylene glycol monomethyl ether acetate; 2-methoxy-1-methylethyl acetate	is listed in TSCA	Section 8b Section 8a - PAIR
poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2h-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-; [3-[3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-hydroxypoly(oxo-1,2-ethanediyl	is listed in TSCA	Section 8b
2-hydroxyethyl methacrylate; 2-Propenoic acid, 2-methyl-, 2-hydroxyethyl ester	is listed in TSCA	Section 8b Section 5

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

No substances listed

Section 304 - Hazardous substances:

n-butyl acetate; acetic acid, butyl ester

Section 313 - Toxic chemical list:

No substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

n-butyl acetate; acetic acid, butyl ester	Reportable quantity:	5000	pounds

CAA - Clean Air Act

CAA listed substances:

No substances listed

CWA - Clean Water Act

CWA listed substances:

n-butyl acetate; acetic acid, butyl ester	is listed in CWA	Section 311

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

No substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

n-butyl acetate; acetic acid, butyl ester

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

n-butyl acetate; acetic acid, butyl ester

New Jersey Right to know

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

n-butyl acetate; acetic acid, butyl ester

Canada - Federal regulations

DSL - Domestic Substances List

Not compliant to DSL inventory

NDSL - Non Domestic Substances List

NPRI - National Pollutant Release Inventory

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

No substances listed

16. OTHER INFORMATION

Safety Data Sheet dated: 11/11/2024 - version 1

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
H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
A.2/2	Skin Irrit. 2	Skin irritation, Category 2
A.3/2A	Eye Irrit. 2A	Eye irritation, Category 2A
A.4.2/1	Skin Sens. 1	Skin Sensitization, Category 1
A.8/3	STOT SE 3	Specific target organ toxicity following single exposure, Category 3
B.6/3	Flam. Liq. 3	Flammable Liquids — Category 3
US-HAE/C2	Aquatic Chronic 2	Chronic (long term) aquatic hazard, category 2

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.