



Liner Gel

Safety Data Sheet

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 8/13/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Liner Gel

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Nail Care
Restrictions on use : All other uses not recommended above

1.4. Supplier's details

V Beauty Pure
2257 Vista Parkway
Ste 23
West Palm Beach, Florida 33411
T 888-390-4259
regulatory@vbeautypure.com

1.5. Emergency phone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free, USA) / 703-527-3887 (Virginia, USA)
CCN 854185
Back-up Emergency Number: +1 703-741-5970 (Washington, DC)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Specific target organ toxicity — Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure (if inhaled).

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) : Warning
Hazard statements (GHS US) : H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H351 - Suspected of causing cancer.
H373 - May cause damage to organs through prolonged or repeated exposure (if inhaled)

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Precautionary statements (GHS US)

: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe mist, spray, vapors.
Wash hands, forearms and face thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye and face protection.
If on skin: Wash with plenty of water.
If skin irritation or rash occurs: Get medical advice or attention.
Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice or attention.
Store locked up.
Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Hydroxypropyl methacrylate	CAS-No.: 27813-02-1	10 – 40	Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 3, H402
Acrylates Copolymer	CAS-No.: 25212-88-8	5 – 20	Acute Tox. 4 (Inhalation:dust,mist), H332
CI 45380	CAS-No.: 17372-87-1	≤ 15	Eye Irrit. 2, H319
CI 77491	CAS-No.: 1309-37-1	≤ 15	Not classified
CI 77492	CAS-No.: 51274-00-1	≤ 15	STOT RE 2, H373 Aquatic Chronic 3, H412
CI 77891	CAS-No.: 13463-67-7	≤ 15	Carc. 2, H351
CI 77820	CAS-No.: 7440-22-4	≤ 15	Aquatic Chronic 1, H410
[ethoxy(phenyl)phosphoryl]-(2,4,6-trimethylphenyl)methanone	CAS-No.: 84434-11-7	1 – 10	Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Hydroxycyclohexyl Phenyl Ketone	CAS-No.: 947-19-3	1 – 5	Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

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SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell. First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. Give artificial respiration if necessary. Induce artificial respiration with mask fitted with one-way valve or other suitable device but not mouth-to-mouth.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: May cause damage to organs through prolonged or repeated exposure (inhalation).
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.
Most Important Symptoms/Effects	: May cause damage to organs through prolonged or repeated exposure (if inhaled).
Chronic symptoms	: Suspected of causing cancer.

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

Other medical advice or treatment	: IF exposed or concerned: Get medical advice/attention.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Dry chemical, CO ₂ , dry sand, or alcohol-resistant foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Sulfur oxides (SO _x). Phosphorus oxides. Release of irritating vapors.
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5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Use extinguishing media appropriate for surrounding fire. Move containers from fire area if it can be done without personal risk. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all personal contact including breathing in the mist, spray, vapors. Do not take actions involving personal risks. Absorb spillage to prevent material-damage. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Evacuate the danger area. If outdoors, move to an area upwind of the danger area. If possible without taking personal risks, Remove ignition sources, ventilate area. Avoid breathing mist, spray, vapors, gas. Avoid contact with skin and eyes. No open flames, no sparks, and no smoking. Prevent other non-emergency personnel from entering the danger area.

For emergency responders

Protective equipment : Wear the recommended personal protective equipment.
Emergency procedures : Evacuate personnel to a safe area. Ventilate spillage area. Stop leak if safe to do so.

Environmental precautions : Do not let the product reach soil, drains, sewers, or surface and ground water.

6.2. Methods and materials for containment and cleaning up

For containment : Contain with non-combustible inert absorbent.
Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Contaminated absorbent material may pose the same hazard as the spilt product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

For further information refer to section 8: "Exposure controls/personal protection", For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid breathing mist, spray, vapors, gas. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharge. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in a cool, dry and well-ventilated area away from incompatible substances. Store tightly closed until ready for use.
Incompatible products : Strong acids. Oxidizing agents. Alkalis.
Storage temperature : 8 – 28 °C / 46.4 - 82.4 °F
Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

CI 77491 (1309-37-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Iron oxide (Fe ₂ O ₃)
ACGIH® TLV® TWA	5 mg/m ³ (R - Respirable particulate matter)
Remark (ACGIH)	TLV® Basis: Pulmonary siderosis. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Iron oxide fume
OSHA PEL TWA	10 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
CI 77891 (13463-67-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Titanium dioxide
ACGIH® TLV® TWA	0.2 mg/m ³ (Nanoscale particles. R - Respirable particulate matter) 2.5 mg/m ³ (Finescale particles. R - Respirable particulate matter)
Remark (ACGIH)	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)
OSHA PEL TWA	15 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - NIOSH - Occupational Exposure Limits	
Local name	Titanium dioxide (Total dust)
NIOSH REL 10h TWA	2.4 mg/m ³ (fine) 0.3 mg/m ³ (ultrafine)
Remark (NIOSH)	Ca = Potential occupational carcinogens (ultrafine particles)
Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
CI 77820 (7440-22-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Silver
ACGIH® TLV® TWA	0.1 mg/m ³ (Metal, dust and fume) 0.01 mg/m ³ (Soluble compounds, as Ag)
Remark (ACGIH)	TLV® Basis: Argyria
Regulatory reference	ACGIH 2025
USA - OSHA - Occupational Exposure Limits	
Local name	Silver, metal and soluble compounds (as Ag)
OSHA PEL TWA	0.01 mg/m ³

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

CI 77820 (7440-22-4)

Regulatory reference (US-OSHA)

OSHA Annotated Table Z-1

USA - NIOSH - Occupational Exposure Limits

Local name

Silver, metal and soluble compounds (as Ag)

NIOSH REL 10h TWA

0.01 mg/m³

Regulatory reference (US-NIOSH)

OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))

8.2. Appropriate engineering controls

Appropriate engineering controls

: Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation, or process enclosure to keep the airborne concentrations below the permissible exposure limits. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls

: Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment.

Hand protection:

Handling product in bulk: Wear protective gloves

Eye protection:

Handling product in bulk: Chemical goggles or safety glasses

Skin and body protection:

Body protection should be chosen depending on activity and possible exposure. Handling product in bulk: Wear protective clothing. Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state

: Liquid

Appearance

: Clear.

Color

: Yellowish

Odor

: Acrylates Resin

Odor threshold

: No data available

pH

: 5 – 6

Melting point

: No data available

Freezing point

: No data available

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Boiling point	: No data available
Flash point	: > 100 °C / 212 °F
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Density	: 1 – 1.2 g/m ³
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Incompatible materials.

10.5. Incompatible materials

Strong acids. Oxidizing agents. Alkalis.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Carbon dioxide. Carbon monoxide. Nitrogen oxides. Sulfur oxides. Phosphorus oxides. Release of irritating vapors.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified.

Acrylates Copolymer

LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight
LC50 Inhalation - Rat (Dust/Mist)	5 mg/l/4h

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Hydroxypropyl methacrylate	
LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight
[ethoxy(phenyl)phosphoryl]-(2,4,6-trimethylphenyl)methanone	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight
CI 45380	
LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight
CI 77491	
LD50 oral	> 5000 mg/kg body weight
CI 77492	
LD50 oral rat	> 10000 mg/kg
LD50 oral	> 10000 mg/kg body weight
CI 77891	
LD50 oral rat	> 5000 mg/kg body weight
CI 77820	
LC50 Inhalation - Rat	> 5.16 mg/l/4h
Hydroxycyclohexyl Phenyl Ketone	
LD50 oral rat	> 2500 mg/kg body weight
LD50 dermal rat	> 5000 mg/kg body weight
LC50 Inhalation - Rat	> 1 mg/l air
Skin corrosion/irritation	: Not classified pH: 5 – 6
Acrylates Copolymer	
Additional information	Not irritating to rabbits on cutaneous application
CI 45380	
pH	6.55
CI 77492	
pH	3.5 – 7.5
Hydroxycyclohexyl Phenyl Ketone	
pH	5.7
Serious eye damage/irritation	: Causes serious eye irritation. pH: 5 – 6
Acrylates Copolymer	
Additional information	Not irritating to rabbits on ocular application

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

CI 45380	
pH	6.55
CI 77492	
pH	3.5 – 7.5
Hydroxycyclohexyl Phenyl Ketone	
pH	5.7

Respiratory or skin sensitization : May cause an allergic skin reaction.

Acrylates Copolymer	
Additional information	No sensitizing reaction was observed for guinea pigs

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

CI 77491	
IARC group	3 - Not classifiable
CI 77891	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified

CI 45380	
NOAEL (animal/female, F0/P)	1500 mg/kg body weight
NOAEL (animal/female, F1)	1500 mg/kg body weight (rat)
CI 77820	
LOAEL (animal/female, F0/P)	40 mg/kg body weight (rat)
NOAEL (animal/female, F0/P)	4 mg/kg body weight (rat)

STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure (if inhaled).

Hydroxypropyl methacrylate	
LOAEC (inhalation, rat, gas, 90 days)	350 ppm
NOAEL (oral, rat, 90 days)	300 mg/kg body weight
NOAEC (inhalation, rat, gas, 90 days)	100 ppm
CI 45380	
NOAEL (oral, rat, 90 days)	1500 mg/kg body weight (rat)
CI 77491	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.2102 mg/l air
NOAEL (oral, rat, 90 days)	> 1000 mg/kg body weight
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	≥ 0.03 mg/l air

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

CI 77492	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.1957 mg/l air
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
CI 77820	
LOAEL (oral,rat,90 days)	125 mg/kg body weight
Hydroxycyclohexyl Phenyl Ketone	
NOAEL (oral,rat,90 days)	300 mg/kg body weight
Aspiration hazard	: Not classified
Symptoms/effects after inhalation	: May cause damage to organs through prolonged or repeated exposure (inhalation).
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May cause irritation to the digestive tract.
Most Important Symptoms/Effects	: May cause damage to organs through prolonged or repeated exposure (if inhaled).
Chronic symptoms	: Suspected of causing cancer.

SECTION 12 Ecological information

12.1. Ecotoxicity

Hazardous to the aquatic environment, short-term (acute)	: Toxic to aquatic life
Hazardous to the aquatic environment, long-term (chronic)	: Very toxic to aquatic life with long lasting effects

Hydroxypropyl methacrylate	
EC50 - Crustacea [1]	> 143 mg/l
EC50 72h - Algae [1]	> 97.2 mg/l
NOEC (chronic)	45.2 mg/l
[ethoxy(phenyl)phosphoryl]-(2,4,6-trimethylphenyl)methanone	
LC50 - Fish [1]	1.89 mg/l
EC50 - Crustacea [1]	2.26 mg/l
EC50 72h - Algae [1]	1.01 mg/l
EC50 72h - Algae [2]	0.239 mg/l
CI 45380	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	51.3 mg/l
CI 77491	
EC50 - Crustacea [1]	> 100 mg/l
EC50 - Other aquatic organisms [1]	> 100 mg/l
EC50 72h - Algae [1]	> 20 mg/l

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

CI 77492	
LC50 - Fish [1]	≥ 100000 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	18 mg/l
EC50 72h - Algae [2]	> 20 mg/l
CI 77891	
EC50 - Other aquatic organisms [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
LOEC (chronic)	5 mg/l
CI 77820	
LC50 - Fish [1]	4.7 µg/l
LC50 - Fish [2]	89.4 µg/l
Hydroxycyclohexyl Phenyl Ketone	
LC50 - Fish [1]	58.426 mg/l
EC50 - Crustacea [1]	53.9 mg/l
EC50 72h - Algae [1]	14.4 mg/l
EC50 72h - Algae [2]	4.68 mg/l
EC50 96h - Algae [1]	41.382 mg/l
12.2. Persistence and degradability	
Liner Gel	
Persistence and degradability	Not established.
Acrylates Copolymer	
Persistence and degradability	Not rapidly degradable
Hydroxypropyl methacrylate	
Persistence and degradability	Not rapidly degradable
[ethoxy(phenyl)phosphoryl]-(2,4,6-trimethylphenyl)methanone	
Persistence and degradability	Not rapidly degradable
CI 45380	
Persistence and degradability	Not rapidly degradable
CI 77491	
Persistence and degradability	Not rapidly degradable
CI 77492	
Persistence and degradability	Not rapidly degradable

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CI 77891

Persistence and degradability	Not rapidly degradable
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CI 77820

Persistence and degradability	Not rapidly degradable
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Hydroxycyclohexyl Phenyl Ketone

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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Hydroxycyclohexyl Phenyl Ketone

Partition coefficient n-octanol/water (Log Pow)	2.44
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations. Refer to all applicable national, international and local regulations or provisions.

Additional information : Do not re-use empty containers.

Ecological waste information : Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
UN3082	3082	3082
14.2. Proper Shipping Name		
Environmentally hazardous substances, liquid, n.o.s. (Contains Silver nanopowder)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Silver nanopowder)	Environmentally hazardous substance, liquid, n.o.s. (Contains Silver nanopowder)
14.3. Transport hazard class(es)		
9	9	9
14.4. Packing group		
III	III	III

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DOT	IMDG	IATA
14.5. Environmental hazards		
	Dangerous for the environment: Yes Marine pollutant: Yes	
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
UN-No. (DOT) : UN3082
DOT Packaging Exceptions (49 CFR 173.xxx) : 155
DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 241
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : No Limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No Limit
DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

IMDG
Special provision (IMDG) : 274, 335, 375, 969
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : LP01, P001
Packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG) : A

IATA
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L
ERG code (IATA) : 9L

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

[ethoxy(phenyl)phosphoryl]-(2,4,6-trimethylphenyl)methanone	CAS-No. 84434-11-7	1 – 10%
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CI 45380	CAS-No. 17372-87-1	≤ 15%
Acrylates Copolymer	CAS-No. 159666-35-0	50 – 70%

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Silver	CAS-No. 7440-22-4	≤ 15%
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CI 77820 (7440-22-4)

CERCLA RQ	1000 lb
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15.2. International regulations

CANADA

Acrylates Copolymer (25212-88-8)

Listed on the Canadian DSL (Domestic Substances List)

Hydroxypropyl methacrylate (27813-02-1)

Listed on the Canadian DSL (Domestic Substances List)

[ethoxy(phenyl)phosphoryl]-(2,4,6-trimethylphenyl)methanone (84434-11-7)

Listed on the Canadian DSL (Domestic Substances List)

CI 77491 (1309-37-1)

Listed on the Canadian DSL (Domestic Substances List)

CI 77492 (51274-00-1)

Listed on the Canadian DSL (Domestic Substances List)

CI 77891 (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

CI 77820 (7440-22-4)

Listed on the Canadian DSL (Domestic Substances List)

Hydroxycyclohexyl Phenyl Ketone (947-19-3)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Acrylates Copolymer (25212-88-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Hydroxypropyl methacrylate (27813-02-1)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

CI 77491 (1309-37-1)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

CI 77492 (51274-00-1)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

CI 77891 (13463-67-7)
Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

CI 77820 (7440-22-4)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

Hydroxycyclohexyl Phenyl Ketone (947-19-3)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

 **WARNING:**

This product can expose you to CI 77891, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
CI 77491(1309-37-1)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List
CI 77891(13463-67-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List
CI 77820(7440-22-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York City - Right to Know Hazardous Substances List; U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16 Other information

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Issue date : 8/13/2025

Full text of hazard classes and H-statements	
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled
H351	Suspected of causing cancer.

Liner Gel

Safety Data Sheet

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Full text of hazard classes and H-statements	
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.