Base Coat

Safety Data Sheet

According to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 7/9/2024 Revision date: 7/30/2025 Supersedes: 7/12/2024 Version: 2.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Base Coat

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

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Reproductive toxicity, Category 1B	H360	May damage fertility or the unborn child.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger
Hazard statements (GHS US) : H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H360 - May damage fertility or the unborn child
Precautionary statements (GHS US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.

Avoid breathing mist, spray, vapors, gas.
Wash hands, forearms and face thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves.
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.
If exposed or concerned: Get medical advice/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
2-Hydroxyethyl methacrylate	CAS-No.: 868-77-9	20 – 30	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317
Trimethylbenzyoyl Diphenylphosphine Oxide	CAS-No.: 75980-60-8	1 – 10	Skin Sens. 1B, H317 Repr. 1B, H360 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Hydroxycyclohexyl Phenyl Ketone	CAS-No.: 947-19-3	1 – 5	Aquatic Chronic 3, H412
2-methyl-2-propenoic acid 2-[hydroxy-[2-(2-methyl-1-oxoprop-2-enoxy)ethoxy]phosphoryl]oxyethyl ester	CAS-No.: 32435-46-4	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 3, H412

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

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : 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. IF exposed or concerned: Get medical advice/attention.

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 : Inhalation of vapors may cause respiratory irritation.

Symptoms/effects after skin contact : May cause an allergic skin reaction. Irritation (itching, redness, blistering).

Symptoms/effects after eye contact : Stinging, redness, itching, tears, blurred vision, swelling.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

Chronic symptoms : May damage fertility or the unborn child.

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

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO2, or water spray or regular foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Sulfur oxides. Nitrogen oxides. Phosphorus oxides.

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. 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.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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. 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	:	Stop leak, if possible without risk. Spill area may be slippery. 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	:	Ensure good ventilation of the work station. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing mist, spray, vapors, gas. Take precautionary measures against static discharge.
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	:	Protect from sunlight. Store in a well-ventilated place. Keep cool.
Storage temperature	:	8 – 28 °C (46.4 °F / 82.4 °F)

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	:	Ensure good ventilation of the work station. 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:
Wear protective gloves
Eye protection:
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
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 liquid.
Color	:	Clear
Odor	:	Acid resin
Odor threshold	:	No data available
pH	:	5
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	105 °C (221 °F)
Flammability (solid, gas)	:	Not applicable.
Vapor pressure	:	No data available
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Density	:	1.06 g/cm³
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	:	1698.113 – 2358.491 mm²/s
Viscosity, dynamic	:	1800 – 2500 mPa·s
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

Incompatible materials.

10.5. Incompatible materials

Oxidizing agents. Acids. Strong bases.

10.6. Hazardous decomposition products

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

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

2-Hydroxyethyl methacrylate	
LD50 oral rat	5564 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg body weight

Trimethylbenzoyl Diphenylphosphine Oxide	
LD50 oral rat	> 5000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight

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 : Causes skin irritation.
pH: 5

2-Hydroxyethyl methacrylate	
Additional information	Repeated or prolonged contact may cause skin irritation

Trimethylbenzoyl Diphenylphosphine Oxide	
Additional information	Not irritating to rabbits on cutaneous application

Hydroxycyclohexyl Phenyl Ketone	
pH	5.7

Serious eye damage/irritation : Causes serious eye irritation.
pH: 5

2-Hydroxyethyl methacrylate	
Serious eye damage/irritation, rabbit	Mildly irritating

Trimethylbenzyoyl Diphenylphosphine Oxide	
Additional information	Not irritating to rabbits on ocular application

Hydroxycyclohexyl Phenyl Ketone	
pH	5.7

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

2-Hydroxyethyl methacrylate	
Skin sensitization, Guinea pig	Skin sensitizer

Trimethylbenzyoyl Diphenylphosphine Oxide	
Local Lymph Node Assay	Skin sensitizer

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : May damage fertility or the unborn child.

STOT-single exposure : Not classified

2-methyl-2-propenoic acid 2-[hydroxy-[2-(2-methyl-1-oxoprop-2-enoxy)ethoxy]phosphoryl]oxyethyl ester	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

2-Hydroxyethyl methacrylate	
LOAEC (inhalation,rat,gas,90 days)	350 ppm
NOAEC (inhalation,rat,gas,90 days)	100 ppm

Hydroxycyclohexyl Phenyl Ketone	
NOAEL (oral,rat,90 days)	300 mg/kg body weight

Aspiration hazard : Not classified

Base Coat	
Viscosity, kinematic	1698.113 – 2358.491 mm²/s

Symptoms/effects after inhalation : Inhalation of vapors may cause respiratory irritation.

Symptoms/effects after skin contact : May cause an allergic skin reaction. Irritation (itching, redness, blistering).

Symptoms/effects after eye contact : Stinging, redness, itching, tears, blurred vision, swelling.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

Chronic symptoms : May damage fertility or the unborn child.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified.

Hazardous to the aquatic environment, long–term (chronic) : Not classified.

2-Hydroxyethyl methacrylate	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	380 mg/l
EC50 72h - Algae [1]	836 mg/l
EC50 72h - Algae [2]	345 mg/l
LOEC (chronic)	49.6 mg/l
NOEC (chronic)	24.1 mg/l

Trimethylbenzyoyl Diphenylphosphine Oxide	
LC50 - Fish [1]	1.4 mg/l
EC50 - Crustacea [1]	3.53 mg/l
EC50 72h - Algae [1]	> 2.01 mg/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

Base Coat	
Persistence and degradability	Not established.

2-Hydroxyethyl methacrylate	
Persistence and degradability	Not rapidly degradable

Trimethylbenzyoyl Diphenylphosphine Oxide	
Persistence and degradability	% biodegradation Not readily biodegradable.

Hydroxycyclohexyl Phenyl Ketone	
Persistence and degradability	Not rapidly degradable

2-methyl-2-propenoic acid 2-[hydroxy-[2-(2-methyl-1-oxoprop-2-enoxy)ethoxy]phosphoryl]oxyethyl ester	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

Base Coat	
Bioaccumulative potential	Not established.

Hydroxycyclohexyl Phenyl Ketone	
Partition coefficient n-octanol/water (Log Pow)	2.44

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		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
	Not regulated	
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

IMDG
Not regulated

IATA
Not regulated

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:

Polyurethane	CAS-No. 9009-54-5	60 – 70%

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

2-Hydroxyethyl methacrylate (868-77-9)

Listed on the Canadian DSL (Domestic Substances List)

Trimethylbenzyoyl Diphenylphosphine Oxide (75980-60-8)

Listed on the Canadian DSL (Domestic Substances List)

Hydroxycyclohexyl Phenyl Ketone (947-19-3)

Listed on the Canadian DSL (Domestic Substances List)

2-methyl-2-propenoic acid 2-[hydroxy-[2-(2-methyl-1-oxoprop-2-enoxy)ethoxy]phosphoryl]oxyethyl ester (32435-46-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

2-Hydroxyethyl methacrylate (868-77-9)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Trimethylbenzyoyl Diphenylphosphine Oxide (75980-60-8)

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

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other information

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

Revision date : 7/30/2025

Issue date : 7/9/2024

Full text of hazard classes and H-statements	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H360	May damage fertility or the unborn child
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Indication of changes:

Section	Changed item	Comments
2	Precautionary statements (GHS US)	**Modified**
2	Hazard statements (GHS US)	**Modified**
2	Signal word (GHS US)	**Modified**
2.1	GHS-US classification	**Modified**
4	Chronic symptoms	**Modified**

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.