

Safety Data Sheet

according to HPR, Schedule 1

Printing date 03/05/2020

Reviewed on 03/05/2020

1 Identification

- **Product identifier**
- **Trade name:** *Nail Enamel*
- **Article number:** *ENG061004*
- **Application of the substance / the mixture** *Nail Polish*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Coty, 14 rue du Quatre Septembre, 75002 Paris
- Coty US LLC, New York, NY 10118*
- **Information department:** *Coty SDS Info Team*
- **Emergency telephone number:**
CHEMTREC Emergency number: +1-703-527-3887
CHEMTREC US/NA Emergency number(toll free): 800-424-9300

2 Hazard identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids - Category 2

H225 Highly flammable liquid and vapour.



GHS07

Eye Irritation - Category 2A

H319 Causes serious eye irritation.

Skin Sensitizer - Category 1

H317 May cause an allergic skin reaction.

Specific Target Organ Toxicity - Single Exposure -
Category 3

H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07

- **Signal word** *Danger*

- **Hazard-determining components of labeling:**

*ethyl acetate**Butyl acetate**isopropyl alcohol**n-Butyl alcohol**Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer*

- **Hazard statements**

*Highly flammable liquid and vapour.**Causes serious eye irritation.**May cause an allergic skin reaction.**May cause drowsiness or dizziness.*

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· Precautionary statements*If medical advice is needed, have product container or label at hand.**Keep out of reach of children.**Read label before use.**Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Ground and bond container and receiving equipment.**Use explosion-proof [electrical/ventilating/lighting] equipment.**Use non-sparking tools.**Take actions to prevent static discharges.**Avoid breathing dust/fume/gas/mist/vapours/spray.**Wash thoroughly after handling.**Use only outdoors or in a well-ventilated area.**Contaminated work clothing should not be allowed out of the workplace.**Wear protective gloves/protective clothing/eye protection/face protection.**IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].**IF INHALED: Remove person to fresh air and keep comfortable for breathing.**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.**Continue rinsing.**Call a poison center/doctor if you feel unwell.**Specific treatment (see on this label).**Take off contaminated clothing and wash it before reuse.**If skin irritation or rash occurs: Get medical advice/attention.**If eye irritation persists: Get medical advice/attention.**In case of fire: Use for extinction: CO₂, powder or water spray.**Store in a well-ventilated place. Keep container tightly closed.**Store in a well-ventilated place. Keep cool.**Store locked up.**Dispose of contents/container in accordance with local/regional/national/international regulations.***· Classification system:****· NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 3

Reactivity = 0

· HMIS-ratings (scale 0 - 4)

Health = *2

Fire = 3

Reactivity = 0

3 Composition/Information on ingredients

· Chemical characterization: Mixtures**· Description:** Mixture of the substances listed below with nonhazardous additions.**· Dangerous components:**

141-78-6	ethyl acetate	36.96% w/w
123-86-4	Butyl acetate	24.67% w/w
9004-70-0	Nitrocellulose	11.39% w/w
67-63-0	isopropyl alcohol	4.92% w/w
12001-26-2	Mica	1.23% w/w

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71-36-3	n-Butyl alcohol	1.06% w/w
13463-67-7	titanium dioxide	0.9% w/w
28407-73-0	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	0.79% w/w

4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.

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Prevent formation of aerosols.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Store in a cool location.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

- **Storage class:** 3

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

141-78-6 ethyl acetate

EL TWA: 150 ppm

EV TWA: 1,440 mg/m³, 400 ppm
123-86-4 Butyl acetate

EL TWA: 20 ppm

EV STEL: 950 mg/m³, 200 ppmTWA: 710 mg/m³, 150 ppm
67-63-0 isopropyl alcohol

EL STEL: 400 ppm

TWA: 200 ppm

EV STEL: 400 ppm

TWA: 200 ppm

12001-26-2 Mica
EL TWA: 3 mg/m³EV TWA: 3(D) mg/m³

respirable

71-36-3 n-Butyl alcohol

EL TWA: 15 ppm

Ceiling: 30 ppm

EV TWA: 20 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

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Avoid contact with the eyes and skin.

- **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Color:	According to product specification
· Odor:	Characteristic
· Odor threshold:	Not determined.

pH-value:	Not determined.
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- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	77-78 °C

Flash point:	-5 °C
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Flammability (solid, gaseous):	Not applicable.
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Decomposition temperature:	Not determined.
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Auto igniting:	Product is not selfigniting.
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Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
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- **Explosion limits:**

Lower:	1.2 Vol %
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Upper:	11.5 Vol %
· Vapor pressure at 20 °C:	97 hPa
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	67.7 %
Water:	0.0 %
Solids content:	20.6 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

141-78-6 ethyl acetate

Oral	LD50	5,620 mg/kg (rabbit)
Inhalative	LC50/4 h	1,600 mg/l (rat)

123-86-4 Butyl acetate

Oral	LD50	13,100 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>21 mg/l (rat)

67-63-0 isopropyl alcohol

Oral	LD50	5,840 mg/kg (rat) (bw (//OECD 401))
Dermal	LD50	12,956 mg/kg (rabbit) (bw (//OECD 402))
Inhalative	LC50/4 h	>24.578 mg/l (rat) (air (//OECD 403))

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12001-26-2 Mica

Oral	LD50	>15,000 mg/kg (rat) (bw)
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71-36-3 n-Butyl alcohol

Oral	LD50	500 mg/kg (rat)
Dermal	LD50	3,400 mg/kg (rabbit)
Inhalative	LC50/4 h	8,000 mg/l (rat)

13463-67-7 titanium dioxide

Oral	LD50	>5,000 mg/kg (rat) (bw (OECD 425))
Dermal	LD50	>10,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>3.43 mg/l (rat) (air (OECD 403))

· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** Irritating effect.· **Sensitization:** Sensitization possible through skin contact.· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

67-63-0	isopropyl alcohol	3
13463-67-7	titanium dioxide	2B
1309-37-1	Iron Oxides (CI 77491)	3
7631-86-9	Silica	3
9002-88-4	Polyethylene low density	3
1333-86-4	Carbon black	2B

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

· **Toxicity**· **Aquatic toxicity:** No further relevant information available.· **Persistence and degradability** No further relevant information available.· **Behavior in environmental systems:**· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**
- **DOT/TDG, ADR, IMDG, IATA** UN1263

- **UN proper shipping name**
- **DOT/TDG** Paint
- **ADR** 1263 PAINT
- **IMDG, IATA** PAINT

- **Transport hazard class(es)**
- **DOT/TDG (Transport dangerous goods):**



- **Class** 3 Flammable liquids
- **Label** 3

- **ADR, IMDG, IATA**



- **Class** 3 Flammable liquids
- **Label** 3

- **Packing group**
- **DOT/TDG, ADR, IMDG, IATA** II

- **Environmental hazards:** Not applicable.

- **Special precautions for user** Warning: Flammable liquids
- **Hazard identification number (Kemler code):** 33
- **EMS Number:** F-E, S-E
- **Stowage Category** B

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

- **Transport/Additional information:**

- **DOT/TDG**
- **Quantity limitations** On passenger aircraft/rail: 5 L
On cargo aircraft only: 60 L

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· ADR	
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

67-63-0	isopropyl alcohol
71-36-3	n-Butyl alcohol
7664-38-2	Phosphoric Acid
7429-90-5	Aluminum Powder

· **TSCA (Toxic Substances Control Act):**

141-78-6	ethyl acetate	ACTIVE
123-86-4	Butyl acetate	ACTIVE
9004-70-0	Nitrocellulose	ACTIVE
77-90-7	Tributyl acetyl citrate	ACTIVE
67-63-0	isopropyl alcohol	ACTIVE
9010-92-8	Styrene/acrylates copolymer	ACTIVE
71-36-3	n-Butyl alcohol	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
28407-73-0	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	ACTIVE
1309-37-1	Iron Oxides (CI 77491)	ACTIVE
7631-86-9	Silica	ACTIVE
131-56-6	Benzophenone-1	ACTIVE
65997-17-3	Calcium Aluminum Borosilicate	ACTIVE
68953-58-2	QUATERNIUM-18 BENTONITE	ACTIVE
5281-04-9	D&C Red NO.7 CALCIUM LAKE	ACTIVE
7664-38-2	Phosphoric Acid	ACTIVE
10101-66-3	Manganese Violet	ACTIVE
12225-21-7	FD&C Yellow NO.5 Aluminum Lake	ACTIVE
25038-59-9	Polyethylene Terephthalate	ACTIVE
7787-59-9	Bismuth Oxychloride	ACTIVE

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68052-23-3	Trimethylpentanediyl Dibenzoate	ACTIVE
9002-88-4	Polyethylene low density	ACTIVE
17852-98-1	D&C Red 6 Lake	ACTIVE
108-21-4	isopropyl acetate	ACTIVE
6417-83-0	CI 15880	ACTIVE
63148-65-2	Polyvinyl Butyral	ACTIVE
14038-43-8	Ferric Ferrocyanide	ACTIVE
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
1333-86-4	Carbon black	ACTIVE
7429-90-5	Aluminum Powder	ACTIVE

· **Canadian substance listings:**· **Canadian Domestic Substances List (DSL)**

141-78-6	ethyl acetate
123-86-4	Butyl acetate
9004-70-0	Nitrocellulose
77-90-7	Tributyl acetylacrylate
67-63-0	isopropyl alcohol
9010-92-8	Styrene/acrylates copolymer
12001-26-2	Mica
71-36-3	n-Butyl alcohol
13463-67-7	titanium dioxide
28407-73-0	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer
1309-37-1	Iron Oxides (CI 77491)
7631-86-9	Silica
131-56-6	Benzophenone-1
65997-17-3	Calcium Aluminum Borosilicate
68953-58-2	QUATERNIUM-18 BENTONITE
5281-04-9	D&C Red NO.7 CALCIUM LAKE
7664-38-2	Phosphoric Acid
10101-66-3	Manganese Violet
12225-21-7	FD&C Yellow NO.5 Aluminum Lake
25038-59-9	Polyethylene Terephthalate
7787-59-9	Bismuth Oxychloride
68052-23-3	Trimethylpentanediyl Dibenzoate
9002-88-4	Polyethylene low density
17852-98-1	D&C Red 6 Lake
108-21-4	isopropyl acetate
6417-83-0	CI 15880
63148-65-2	Polyvinyl Butyral
14038-43-8	Ferric Ferrocyanide
7732-18-5	water, distilled, conductivity or of similar purity
9006-65-9	Dimethicone

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· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

141-78-6	ethyl acetate
123-86-4	Butyl acetate
67-63-0	isopropyl alcohol
12001-26-2	Mica
71-36-3	n-Butyl alcohol

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

ethyl acetate

Butyl acetate

isopropyl alcohol

n-Butyl alcohol

Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer

· **Hazard statements**

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause drowsiness or dizziness.

· **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/ventilating/lighting] equipment.

Use non-sparking tools.

Take actions to prevent static discharges.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.

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

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

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In case of fire: Use for extinction: CO2, powder or water spray.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Abteilung Umweltschutz

· **Contact:** Hr. Dr. Speckbacher

· **Date of the latest revision of the safety data sheet** 03/05/2020 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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