





SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
 GHS Product Identifier **Nail Lacquer / Color Club**
 Chemical Name **Nail Lacquer / Color Club**
 Trade name **Not applicable**
 CAS No. **Nail Lacquer / Color Club**
 EINECS No. **Mixture**
 REACH Registration No. **Mixture**
1.2 Relevant identified uses of the substance or mixture and uses advised against
 Identified use(s) **Cosmetic**
 Uses advised against **Users are recommended to seek further advice.**
- 1.3 Supplier's details**
 Company Identification **Forsythe Cosmetic Group, Ltd.**
 Address **P. O. Box 431, Lawrence, NY 11559-0431 USA**
 Telephone **(516) 239-4200**
 E-Mail (competent person)
- 1.4 Emergency telephone number – ChemTel Inc.**
Emergency Phone No. (800) 255-3924 (US/Canada), (813) 248-0585 (Elsewhere)

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture**
2.1.1 Regulation (EC) No. 1272/2008 (CLP) & GHS Classifications - Flammable Liquid 2, Skin Irritation 2, Eye Irritation 2, Specific target organ toxicity - single exposure 3, (2.6/2, 3.2/2, 3.3/2, 3.8/3)
2.1.2 Directive 67/548/EEC & Directive 1999/45/EC - Flammable / Irritant
2.2 Label elements
2.2.1 Label elements According to Regulation (EC) No. 1272/2008 (CLP) and GHS Standards
- Hazard pictogram(s)   Signal word **DANGER**
- Hazard statement(s)
 H225: Highly flammable liquid and vapour.
 H303: May be harmful if swallowed. **(GHS Only)**
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 H402: Harmful to aquatic life. **(GHS Only)**
 EUH066: Repeated exposure may cause skin dryness or cracking. **(EU Only)**
- Precautionary Statement(s)
 P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
 P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
- 2.2.2 Label elements According to Directive 67/548/EEC & Directive 1999/45/EC**
- Hazard Symbol  
- Risk Phrases
 R11: Highly flammable.
 R36: Irritating to eyes.
 R66: Repeated exposure may cause skin dryness or cracking.
 R67: Vapours may cause drowsiness and dizziness.
- Safety Phrases
 S2: Keep out of the reach of children.
 S3/7: Keep container tightly closed in a cool place.
 S9: Keep container in a well-ventilated place.
 S16: Keep away from sources of ignition - No smoking.
 S25: Avoid contact with eyes.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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- 2.3 Other hazards** **OSHA Classification (USA):** Hazardous under OSHA Hazard Communication Standard – Flammable liquid, Irritant
HMIS: Health-1, Flammability-3, Reactivity - 0
WHMIS Classification (Canada): Hazardous under WHMIS
 Class B2, Flammable Liquid
 Class D2B, Material with Other Toxic Effects

**2.4 Additional Information**

Potential Health Effects

- Inhalation May cause drowsiness or dizziness. May cause respiratory irritation.
 Eye Contact Causes serious eye irritation.
 Skin Contact Causes mild to moderate skin irritation
 Ingestion May be harmful if swallowed. May cause irritation of the gastrointestinal tract.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**EC Classification No. 1272/2008/EC**

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Butyl Acetate	20-40	123-86-4	204-658-1	NA	2.6/3, 3.8/3: H226, H336, EUH066
Ethyl Acetate	10-35	141-78-6	205-500-4	NA	2.6/2, 3.3/2, 3.8/3: H225, H319, H336, EUH066
Nitrocellulose	5-15	9004-70-0	Not Listed	NA	2.1/1: H201
Isopropyl Alcohol	5-10	67-63-0	200-661-7	NA	2.6/2, 3.3/2, 3.8/3: H225, H319, H336,
Cocobis(2-hydroxyethyl) amine	<5	61791-31-9	263-163-9	NA	3.1/4(Oral), 3.2/1B, 3.3/1, 4.1/1(Acute)

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Butyl Acetate	20-40	123-86-4	204-658-1	NA	None None; R10, R66, R67
Ethyl Acetate	10-35	141-78-6	205-500-4	NA	F, Xi : R11, R36, R66, R67
Nitrocellulose	5-15	9004-70-0	Not Listed	NA	E+ : R3
Isopropyl Alcohol	5-10	67-63-0	200-661-7	NA	F, Xi: R11, R36, R67
Cocobis(2-hydroxyethyl) amine	<5	61791-31-9	263-163-9	NA	C, N+, Xn :R22, R34, R50

3.3 Additional Information

- For full text of H/P phrases see section 16. For full text of R phrases see section 16. Non-Hazardous ingredients are not listed and make up the balance of the product.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- Inhalation Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.
 Skin Contact Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
 Eye Contact Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.
 Ingestion Unlikely route of exposure. Do not induce vomiting. Make victim drink plenty of water. Obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Acute: Possible irritation to eyes and skin. May cause drowsiness and dizziness.

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Delayed and chronic effects: Repeated exposure may cause skin dryness or cracking.
Treat symptomatically.

4.3 Indication of the immediate medical attention and special treatment needed

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media Extinguish preferably with foam, carbon dioxide or dry chemical..
Unsuitable Extinguishing Media None

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for fire-fighters

Flash Point = 24°F / -4.4°C . Flammable Limits = 1.45-8.2 % Vol.
Auto Ignition Temperature = NA. Not sensitive to mechanical impact / slightly sensitive to static discharge. A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing.

6.2 Environmental precautions

Avoid entry into sewers or bodies of water.

6.3 Methods and material for containment and cleaning up

Wear suitable protective clothing, gloves and eye/face protection. Remove or make safe all sources of ignition. Absorb liquid in sand, inert absorbent, or with paper towel (small spills) and remove to safe place.

6.4 Reference to other sections

See Sections 7, 8, & 13.

6.5 Additional Information

None

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling Avoid contact with eyes. Use only in well-ventilated areas. Avoid inhalation of high concentrations of vapours. Keep away from fire, sparks and heated surfaces - no smoking. Keep away from oxidising agents.

7.2 Conditions for safe storage, including any incompatibilities Keep container tightly closed in a cool place. Keep out of reach of children. Do not use or store near heat or open flame. Do not store and transport with oxidizers etc.

Storage Temperature

Ambient.

Storage Life

Not available

Incompatible materials

Oxidizing agents

7.3 Specific end use(s)

Consult the supplier.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note:
Butyl Acetate	123-86-4	150	NE	200	NE	ACGIH
		150	710	NE	NE	OSHA
		150	713	200	950	HSIS
Ethyl Acetate	141-78-6	400	NE	NE	NE	ACGIH
		400	1400	NE	NE	OSHA
		200	720	400	1440	HSIS
Nitrocellulose	9004-70-0	NE	NE	NE	NE	None
Isopropyl Alcohol	67-63-0	200	NE	400	NE	ACGIH
		400	980	NE	NE	OSHA
		400	983	500	1230	HSIS
Cocobis(2-hydroxyethyl) amine	61791-31-9	NE	NE	NE	NE	None

8.1.2 Biological limit value

Limit value type (country of origin)	SUBSTANCE	CAS No.	Biological limit value	Note:
USA	Butyl Acetate	123-86-4	1700 ppm	NIOSH IDLH
USA	Ethyl Acetate	141-78-6	2000 ppm	NIOSH IDLH
USA	Isopropyl Alcohol	67-63-0	2000 ppm	NIOSH IDLH

8.1.3 PNECs and DNELs

No PNECs and/or DNELs are available for this product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls Adequate ventilation must be used.

8.2.2 Personal protection equipment

Respirators

Usually Not Needed.



Eye Protection

Safety glasses are suggested as good practice.



Gloves

Protective gloves are usually not needed; if chosen, nitrile or neoprene are suggested. Latex gloves should not be worn.



Body protection

Usually Not Needed.

Engineering Controls

No special controls required.

Other

Thermal Hazard – flammable liquid.

8.2.3 Environmental Exposure Controls Adequate ventilation must be used.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Colored liquid	Colour	Varies
Odour	Solvent	Odour Threshold	Not available
Melting Point / Freezing Point	Not available	Boiling point/boiling range:	<212°F / 100°C
Flash Point	<-4.4°C / 24°F	Explosive limit ranges	1.45-8.2 % Vol
Auto Ignition Temperature	Not available	Decomposition Temperature	Not available
Explosive properties	Not available	Oxidising properties	Not available
Flammability (solid, gas)	Flammable Liquid	pH (Value)	Not available
Evaporation rate	1.0-3.0	Vapour Pressure (mm Hg)	35-42
Vapour Density (Air=1)	3.2-3.5	Density (g/ml)	0.919
Solubility (Water)	<10%.	Solubility (Other)	variable
Partition Coefficient (n-Octanol/water)	Not available	Viscosity (mPa.s)	Not available

9.2 Other information**SECTION 10: STABILITY AND REACTIVITY**

10.1 Reactivity	Slight
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Can react violently if in contact with - Oxidizing agents.
10.4 Conditions to avoid	Avoid contact with heat and ignition sources.
10.5 Incompatible materials	Strong oxidisers,
10.6 Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide, Nitrogen oxides, Nitrogen, Ammonia

SECTION 11: TOXICOLOGICAL INFORMATION

SUBSTANCE	CAS No.	LD ₅₀ (Oral, Rat)	LC ₅₀ (Inhalation, Rat)	LD ₅₀ (Dermal, Rabbit)
Butyl Acetate	123-86-4	10768 mg/kg	390 ppm / 4 H	>17600 mg/kg
Ethyl Acetate	141-78-6	5620 mg/kg	1600 ppm / 8 H	> 20 mL / kg
Nitrocellulose	9004-70-0	> 5000 mg/kg	NE	NE
Isopropyl Alcohol	67-63-0	5045 mg/kg	16000 ppm / 8 H	12800 mg/kg
Cocobis(2- hydroxyethyl) amine	61791-31-9	1500 mg /kg	NE	Corrosive

11.1 Information on toxicological effects**11.1.2 Mixtures****Acute toxicity and Exposure Effects**

Ingestion	May be harmful if swallowed. May cause gastrointestinal tract irritation.
Inhalation	May cause drowsiness or dizziness. May cause respiratory irritation.
Skin Contact	Prolonged contact may result in irritation.
Eye Contact	Irritating to eyes.
Irritation	May cause irritation to eyes; prolonged exposure may result in skin irritation. Vapors may cause mild respiratory irritation.
Corrosivity	None Expected.
Repeated dose toxicity	Expected to be similar to single exposures. Repeated/prolonged skin contact may result in cracking or de-fatting of skin.
Carcinogenicity	No data.
Mutagenicity	No data.
Toxicity for reproduction	No data.
11.2 Other information	None

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No data.
12.2 Persistence and degradability	Moderately/partially biodegradable.
12.3 Bioaccumulative potential	Moderate potential for bioaccumulation.
12.4 Mobility in soil	Moderate mobility predicted.
12.5 Results of PBT and vPvB assessment	No data.
12.6 Other adverse effects	No data.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Incineration may be used to recover energy value.
13.2 Additional Information	This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION**Land transport (ADR/RID) (a)(c)**

UN number	UN1263
Proper Shipping Name	Paint, Flammable
Transport hazard class(es)	3 HIN=33
Packing Group	II
Hazard label(s)	Flammable Liquid
Environmental hazards	NONE
Special precautions for user	NONE

Sea transport (IMDG) (a)(c)

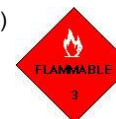
UN number	UN1263
Proper Shipping Name	Paint, Flammable
Transport hazard class(es)	3 HIN=33
Packing Group	II
Marine Pollutant	NONE
Special precautions for user	NONE

Land transport (Within USA) (a)(b)(c)

UN number	ORM-D
Proper Shipping Name	Consumer Quantity
Transport hazard class(es)	None
Packing Group	Not Applicable
Hazard label(s)	ORM-D
Environmental hazards	NONE
Special precautions for user	NONE

**Air transport (ICAO/IATA) (a)(c)**

UN number	UN1263 (or ID8000)
Proper Shipping Name	Paint, Flammable (or Consumer Commodity)
Transport hazard class(es)	3 HIN=33 (or 9)
Packing Group	II
Environmental hazards	NONE
Special precautions for user	NONE



(a)– Consult with transport provider.

(b)– ORM-D may be applicable within the USA for package sizes less than 30kg until 1 January 2013 for air shipments and 1 January 2014 for ground shipments. After these dates, use information for ADR/RID or IATA and follow Limited Quantity guidelines.

(c)– Check relevant regulations for Special Provisions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1 EU regulations**

Authorisations and/or restrictions on use	Consult the supplier.
European Union (EINECS/ELINCS)	Nitrocellulose not listed.
WGK number	1.

SAFETY DATA SHEET

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15.1.2 National regulations**USA**

TSCA (Toxic Substance Control Act)	All chemicals listed
SARA 311/312 - Hazard Categories	Flammable, Acute Health
SARA 302 - Extremely Hazardous Substances	Listed – None.
SARA 313 - Toxic Chemicals	Contains: Isopropanol
CERCLA (Comprehensive Environmental Response Compensation and Liability Act)	RQ = 12500 lbs. as ethyl and butyl acetates.
CAA (Clean Air Act 1990)	Listed – None
CWA (Clean Water Act)	Listed – Butyl acetate.
State Right to Know Lists	Listed – CA, CT, FL, MA, MN, NJ, PA, RI.
Proposition 65 (California)	No listings.

Canada

WHMIS Classification	Class B2, Flammable Liquid
	Class D2B, Material with Other Toxic Effects
Canada (DSL/NDSL)	Listed - DSL
Canada Ingredient Disclosure List (CIDL)	Listed as required.

15.2 Chemical Safety Assessment: HIGHLY FLAMMABLE LIQUID AND VAPOR - MAY CAUSE DROWSINESS BY INHALATION - CAUSES EYE IRRITATION - MAY CAUSE SKIN IRRITATION.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

ACGIH	American Conference of Governmental Industrial Hygienists	mL	milliliter
AICS	Australian Inventory of Chemical Substances	NA	not applicable, not available
ANSI	American National Standards Institute	NIOSH	National Institute for Occupational Safety and Health
atm	atmosphere (pressure unit)	ND	not determined
BOD	biological oxygen demand	NFPA	National Fire Prevention Association
CAS	Chemical Abstracts Service	NTP	National Toxicology Program
CC	closed cup	OC	open cup
CDTA	Chemical Drug and Trafficking Act	OSHA	Occupational Safety and Health Administration
COC	Cleveland Open Cup	Part	partition
COD	chemical oxygen demand	PEL	permissible exposure limits
coeff.	coefficient	ppb	parts per billion
CFR	Code of Federal Regulations	PPE	personal protective equipment
CPR	cardio-pulmonary resuscitation	ppm	parts per million
DEA	Drug Enforcement Agency	psi	pounds per square inch
DOT	Department of Transportation	RCRA	Resource Conservation and Recovery Act
DSCL	Dangerous Substances Classification and Labeling	RQ	Reportable quantity
EEC	European Economic Community	RTK	Right to Know
FDA	Food and Drug Administration	SARA	Superfund Amendments and Reauthorization Act
HMIS	Hazardous Materials Information System	STEL	short-term exposure limit
		SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
HSIS	Hazardous Substances Information System (Australia)	TCC	Tagliabue Closed Cup
IARC	International Agency for Research on Cancer	TDG	Transportation of Dangerous Goods
IDLH	immediate danger to life or health	TPQ	threshold planning quantity
kg	kilogram	TQ	threshold quantity
L	liter	TSCA	Toxic Substances Control Act
LC50	median lethal concentration	TWA	time-weighted average
LD50	median lethal dose	UEL	upper explosive limit
LEL	lower explosive limit	WES	Workplace Exposure Standard (New Zealand)
mg	milligram	WHMIS	Workplace Hazardous Material Information System

References: RTECS, CAS Registry, EINECS/ESIS, *Casarett & Doull's Toxicology*, *Goldfrank's Toxicological Emergencies*, Manufacturer Information

Risk Phrases and Safety Phrases

R3: Extreme risk of explosion by shock, friction, fire or other sources of ignition.
R10: Flammable.
R11: Highly flammable.
R22: Harmful if swallowed.
R34: Causes burns.
R36: Irritating to eyes.
R50: Very toxic to aquatic organisms.
R52: Harmful to aquatic organisms.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
S2: Keep out of the reach of children.
S3/7: Keep container tightly closed in a cool place.
S7: Keep container tightly closed.
S9: Keep container in a well-ventilated place.
S16: Keep away from sources of ignition - No smoking.
S25: Avoid contact with eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S33: Take precautionary measures against static discharges.

Hazard statement(s) and Precautionary statement(s)

H201: Explosive; mass explosion hazard.
H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H303: May be harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H400: Very toxic to aquatic life.
H402: Harmful to aquatic life.
EUH066: Repeated exposure may cause skin dryness or cracking.
P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash (hands and exposed skin) thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313: If skin irritation occurs: Get medical advice/attention.
P337 + P313: If eye irritation persists: Get medical advice/attention.
P391: Collect spillage.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P403 + P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.

Training advice: None

Additional Information: Replaces all previous editions.

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