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

Product identifier Nail Lacquer / Color Club GHS Product Identifier Nail Lacquer / Color Club

Chemical Name Not applicable

Trade name Nail Lacquer / Color Club

CAS No. Mixture EINECS No. Mixture REACH Registration No. Not available

Relevant identified uses of the substance or mixture and uses advised against 1.2

Identified use(s) Cosmetic

Uses advised against Users are recommended to seek further advice.

1.3 Supplier's details

1.1

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)



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### **SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) & GHS Classifications - Flammable Liquid 2, Skin 2.1.1 Irritation 2, Eye Irritation 2, Specific target organ toxicity - single exposure 3, (2.6/2, 3.2/2, 3.3/2,

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** 

H225: Highly flammable liquid and vapour. Hazard

H303: May be harmful if swallowed. (GHS Only) statement(s)

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) P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.

Precautionary Statement(s)

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 eves.

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)	% <b>W</b> /W	CAS No.	EC No.	REACH Registration No.		victogram(s) and d statement(s)
Butyl Acetate	20-40	123-86-4	204-658-1	NA	<b>(b) (1)</b>	2.6/3, 3.8/3: H226, H336, EUH066
Ethyl Acetate	10-35	141-78-6	205-500-4	NA	<b>⋄</b> ••••••••••••••••••••••••••••••••••••	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	<b>(b) (1)</b>	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	n and
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	XEX	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

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

delayed

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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 Unsuitable Extinguishing Media None

Extinguish preferably with foam, carbon dioxide or dry chemical..

None

Special hazards arising from 5.2

the substance or mixture

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 senstivie 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.

**Environmental precautions** 6.2

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.

See Sections 7, 8, & 13.

Reference to other sections 6.4

Additional Information 6.5

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 Storage Temperature 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 Life Incompatible materials Specific end use(s)

Not available Oxidizing agents Consult the supplier.

Ambient.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1 **Control parameters**

7.3

### 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:
		150	NE	200	NE	ACGIH
Butyl Acetate	123-86-4	150	710	NE	NE	OSHA
		150	713	200	950	HSIS
		400	NE	NE	NE	ACGIH
Ethyl Acetate	141-78-6	400	1400	NE	NE	OSHA
		200	720	400	1440	HSIS
Nitrocellulose	9004-70-0	NE	NE	NE	NE	None
		200	NE	400	NE	ACGIH
Isopropyl Alcohol	67-63-0	400	980	NE	NE	OSHA
		400	983	500	1230	HSIS
Cocobis(2-hydroxyethyl) amine	61791-31-9	NE	NE	NE	NE	None

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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	Ethyll 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.

Safety glasses are suggested as good practice. **Eye Protection** 

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. 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 <-4.4°C / 24°F Flash Point 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 Vapour Pressure (mm Hg) 35-42 1.0-3.0 Evaporation rate 3.2-3.5 0.919 Vapour Density (Air=1) Density (g/ml) Solubility (Water) <10%. Solubility (Other) variable Partition Coefficient (n-Octanol/water) Not available Viscosity (mPa.s) Not available

9.2 Other information

8.2.3

### **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.

Carbon monoxide, Carbon dioxide, Nitrogen oxides, 10.6 Hazardous Decomposition Product(s)

Nitrogen, Ammonia

### **SECTION 11: TOXICOLOGICAL INFORMATION**

SUBSTANCE	CAS No.	LD <sub>50</sub> (Oral, Rat)	LC₅₀ (Inhalation, Rat)	LD <sub>50</sub> (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

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### 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.

Moderate mobility predicted.

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
 12.3 Bioaccumulative potential
 Moderately/partially biodegradable.
 Moderate potential for bioaccumulation.

12.4 Mobility in soil

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

UN number UN1263 UN number ORM-D
Proper Shipping Name Paint, Flammable Proper Shipping Name Consumer Quantity

Transport hazard class(es) 3 HIN=33 Transport hazard class(es) None

Packing Group II Packing Group Not Applicable
Hazard label(s) Flammable Liquid Hazard label(s) ORM-D

Environmental hazards NONE Environmental hazards NONE Special precautions for user NONE Special precautions for user NONE

Sea transport (IMDG) (a)(c) Air transport (ICAO/IATA) (a)(c)

UN number UN1263 UN number UN1263 (or ID8000)

Proper Shipping Name Paint, Flammable Proper Shipping Name Paint, Flammable Proper Shipping Name Paint, Flammable Proper Shipping Name Proper Shipping Name Paint, Flammable Proper Shipping Name Paint, Flammable Proper Shipping Name Paint, Flammable Proper Shipping Name Proper Shipp

Commodity)

ORM-D

Transport hazard class(es) 3 HIN=33 Transport hazard class(es) 3 HIN=33 (or 9)

Packing Group II Packing Group II

Marine Pollutant NONE Environmental hazards NONE Special precautions for user 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.

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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 RQ = 12500 lbs. as ethyl and butyl acetates.

Response Compensation and Liability Act)

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

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

References: RTECS, CAS Registry, EINECS/ESIS, Casarett & Doull's Toxicology, Goldfranks's Toxicologica Emergencies, Manufacturer Information

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### **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/eve 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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