

# ELITE COSMETIX KFT.

## MATERIAL SAFETY DATA SHEET

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Preparation date: 30.08.2016.

Revision date: -

Version: 1.0

### 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1. Product identifier:** CRYSTAL NAILS Stamping Lacquer, black, white, red, pink

**1.2. Relevant identified uses of the mixture and uses advised against:** stamping nail lacquer only for artificial nails

#### 1.3. Details of the supplier of the safety data sheet:

Elite Cosmetix LTD.

1085 Budapest József krt. 44.

Phone: +36-1-461 0144 fax: +36-1-461 0145

lab2@elitecosmetix.com

#### 1.4. Emergency telephone number:

International Emergency Phone Numbers: 1-352-323-3500 (call around the clock)

Toxicological Information Service Hungary: 00 36 80/201199 (call around the clock)

### 2. HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture:

The substance or mixture is hazardous according to 1272/2008/EEC (CLP).

Flammable liquid 2, Eye Irritation 2, STOT SE 3

#### 2.2. Labeling elements:

**Note: Since the product is marketed as a cosmetic product, thus, it is out of scope of CLP regulation 1272/2008. However, in order to facilitate the chemical risk assessment of work places for professional users, the classification and labelling elements in accordance with CLP are included.**



GHS02 GHS07

Hazardous statements

H225 Highly flammable liquid and vapor

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

EUH066 Repeated exposure may cause skin dryness or cracking

Precautionary statements

P210 Keep away from heat / sparks / open flames/hot surfaces. - No smoking.

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- P241 Use explosion-proof electrical / ventilating / light / ... / equipment.  
P242 Use only non-sparking tools.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P271 Use only outdoors or in a well-ventilated area  
P280 Wear protective gloves / protective clothing / eye protection / face protection.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	EU number	INCI name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard statements	m%
ethyl acetate	141-78-6	205-500-4	Ethyl Acetate	Flam. Liq. 2; Eye irrit 2; STOT SE 3	H225, H319, H336, EUH066	30-40
n-butyl acetate	123-86-4	204-658-1	Butyl Acetate	Flam. Liq. 3, STOT SE 3	H226, H336, EUH066	20-30
nitrocellulose	9004-70-0	-	Nitrocellulose	Expl. 1.1.	H201, EUH001	10-20
Propan-2-ol	67-63-0	200-661-7	Isopropyl Alcohol	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336, EUH066	5-10

### 4. FIRST AID MEASURE

#### 4.1. Description of first aid measures

##### General advice

In general, in case of doubt or if symptoms persist, consult a physician and show the product label or this MSDS. Never give anything by mouth to a person who is unconscious or likely to become so (state of shock, etc ...)

##### If inhaled

: Move to fresh air, keep warm and get medical advice. If breathing is irregular or stops, give artificial respiration (if

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possible give oxygen) and contact the local Emergency Services.

**In case of skin contact** : Remove soiled clothing, clean affected areas with copious amounts of soapy water. Do not use solvents (thinners ...).

**In case of eye contact** : In case of contact with eyes, rinse immediately with fresh water for 15 minutes holding eyelids open. Refer the victim to an ophthalmologist immediately and show the product label or this MSDS; this should be treated as an emergency in case of symptoms (redness, pain, visual problems).

**If swallowed** : If quantity is small (less than a mouthful), rinse mouth with water. DO NOT induce vomiting. In all cases, seek medical attention.

### 4.2. Most important symptoms and effects associated with exposure

If inhaled : Possible drowsiness and dizziness. Risk of respiratory problems.

In case of skin contact : Redness, pain. The skin absorbs part of the ingredients of this product. Can cause dry or chapped skin.

In case of eye contact : Redness, watering, blurred vision. Risk of irritant effect on eyes.

If swallowed : Health risk even in small quantities. Product should not come into contact with foodstuffs.

### 4.3. Indication of immediate medical attention and special treatment needed

**Treatment** : Treat symptomatically.  
No further information available.

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### 5. FIREFIGHTING MEASURES

- For minor fires** : Chemical powders, carbon dioxide and other extinguishing gases may be suitable for minor fires.
- Recommended** : Special foam for polar liquids.
- To avoid** : Water without additives.

#### 5.2. Special hazards arising from the mixture

- Specific hazards during fire fighting** : Fire often produces a dense black smoke and vapours (may be invisible) heavier than air and spread along ground.
- Exposure to decomposition products (such as carbon monoxide or dioxide) constitutes a serious health hazard.
- Do not inhale smoke.
- Vapours may form explosive mixtures with air.

#### 5.3. Advice for firefighters

- Special protective equipment** : Self-contained breathing apparatus to protect against toxic gases produced by thermal decomposition.
- Wear appropriate body protection (full protective suit)
- Further information** : Use water to keep the containers exposed to fire cool.
- Heating will cause a pressure rise - with risk of bursting.
- Avoid naked flames or other sources of ignition in areas where product is used.
- Protect electrical equipment (risk of explosive zones).
- Dry residue stay highly flammable (contain nitrocellulose).
- Exercise caution when fighting any chemical fire.
- Prevent fire-fighting effluent from entering drains, watercourses and/or environment.

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### 6. ACCIDENTAL RELEASE MEASURE

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : As the product contains organic solvents and other highly inflammable substances, remove all possible sources of ignition and thoroughly ventilate premises. Use personal protective equipment and keep away unprotected persons. Do not inhale fumes / gas / vapours / spray. Avoid skin and eye contact.  
See Sections 7 et 8.

#### 6.2. Environmental precautions

Environmental precautions : Prevent product from entering drains or watercourses. Avoid subsoil penetration. If the product contaminates ground water, rivers or drains (or is likely to do so), notify the relevant authorities, following the statutory procedures.

#### 6.3. Methods and materials for containment and cleaning up

Methods and materials : Clean up any spills as soon as possible, using a non-combustible absorbent material to collect it, for example: sand, earth, vermiculite, diatomic earth. Collect material into suitable drums for disposal in accordance with regulations (see Section 13). It is preferable to clean with detergents, do not use solvents.

#### 6.4. Reference to other sections

For personal protection see section 8.

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

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Advice on safe handling : Keep container tightly closed. Ensure adequate ventilation. Use personal protective equipment (see section 8). Avoid contact with the skin the eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Handle empty containers with care because residual vapours are flammable. Dry residue stay highly flammable (contain nitrocellulose). Avoid naked flames or other sources of ignition in areas where product is used. No smoking. Fumes are heavier than air and they may spread at ground level and form explosive mixtures with air. Avoid the formation of explosive concentrations and concentrations above occupational exposure limits. Do not allow unauthorized persons into areas where product is used.

Technical protective measures : Provide proper grounding. Use only non-sparking tools. Do not use compressed air to either agitate or transfer the contents of storage containers (tanks) / shipping drums containing this material

Avoid build-up of static charges by:

- ensuring that flooring is conductive and keeping it clean,
- ensuring that equipment is earthed during transfer or stirring of the product or preparations containing the product,
- the use of antistatic shoes, clothing and packaging.

Hygiene measure : Keep away from food, drink and animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately. Avoid contact with the eyes and the skin. Do not breathe gas / fumes / vapour / spray.

### 7.2. Conditions for safe storage

Requirements for storage : Store in tightly closed containers, in a cool, dry and well-ventilated place. Unsuitable working materials: various

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plastics. Keep in an area equipped with solvent resistant flooring.

Keep away from direct sunlight, from heat or sources of ignition – No smoking. The vapour may be invisible, heavier than air and spread along ground. Vapours may form explosive mixtures with air. Take measures to prevent the build up of electrostatic charge. Use only in an area containing explosion proof equipment.

Keep away from food, drink and animal feedingstuffs.

### 7.3. Specific end uses

No information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

OELs (Occupational Exposure Limit values) for Luxembourg		
Component	TLV (Threshold Limit value)	PEL (Permissible Exposure Limit)
Ethyl Acetate	400 ppm / 1.500 mg/m <sup>3</sup>	-
Butyl Acetate	150 ppm	-
Isopropyl Alcohol	200 ppm / 500 mg/m <sup>3</sup>	-

### 8.2. Exposure controls

#### Engineering measures

Refer to protective measures listed in sections 7 and 8.

#### Personal protective measures

Respiratory protection : If vapour concentrations exceed the established exposure limits, respiration protection is necessary, wear a gas mask (A-P2) with appropriate cartridge.

Eye protection : Use eye protection (chemical goggles or safety glasses) to avoid splashing.

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- Hand protection : Use adapted gloves (in accordance with EN 374) to prevent skin contact and possible irritation.
- Skin and body protection : Solvent resistant protective clothing.
- Ingestion: : When using, do not eat, drink or smoke.
- Personal hygiene : Minimize breathing of vapour. Avoid prolonged contact with skin. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Changing of clothes at the end of work.
- Environmental exposure controls : Prevent product from entering drains or watercourses. If product contaminates ground water, rivers or drains (or is likely to do so), notify the relevant authorities, following the statutory procedures.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

- Appearance/form : Translucent liquid, viscous
- Colour : No data available
- Odour : Solvent
- Odour Threshold : No data available
- pH : Not applicable
- Freezing point : No data available
- Boiling Point/Range (°C) : > 77 °C
- Flash Point (°C) : < 21 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : Formation of explosive air/vapour mixtures is possible
- Explosive Limits % Vol : lower upper
- |               |     |      |
|---------------|-----|------|
| Ethyl Acetate | 2,1 | 11,5 |
| Butyl Acetate | 1,2 | 7,5  |



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Isopropyl Alcohol	2	12
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	0,95 - 1,05 gr/cm <sup>3</sup> at 20 °C
Water solubility	:	Not miscible.
Partition coefficient : n-octanol/water	:	No data available
Ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity at 25°C (mpas)	:	Variable
Explosive properties	:	No data available
Oxidizing properties	:	No data available

### 9.2. Other information

No further information available.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : No information available.

### 10.2. Chemical stability

Chemical stability : No decomposition and stable if stored and applied as directed and under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions : No information available..

### 10.4. Conditions to avoid

Conditions to avoid : Heat, flames, sparks, static charges and direct sunlight.

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Unsuitable working materials: various plastics. Sensitive to air. Explosible with air in a vaporous/gaseous state.

### 10.5. Incompatible materials

Materials to avoid : Alkali metals, strong acids / alkalis, fluorine, hydrides, strong oxidizing agents, water with air and light.

### 10.6. Hazardous decomposition products

Hazardous products : Thermal decomposition may liberate carbon oxides and nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicity	Value	Method	Result
Oral acute toxicity	> 2000 mg / kg	Additivity formula	No acute toxicity
Inhalation acute toxicity	> 20 mg / l	Additivity formula	
Dermal acute toxicity	> 2000 mg / kg	Additivity formula	
<b>Eyes irritation</b>	<b>Irritating</b>	<b>Bridging principle</b>	<b>Eye irrit. Cat. 2</b>
Skin irritation	No irritating	Bridging principle	No skin irrit.
Sensitisation	No sensitisation	Bridging principle	No Sensitisation
<b>Specific target organ toxicity after single exposure</b>	<b>May cause drowsiness and dizziness</b>	<b>Bridging principle</b>	<b>STOT SE Cat. 3</b>

### Most important symptoms and effects associated with exposure

If inhaled : Possible drowsiness and dizziness. Risk of respiratory problems.

In case of skin contact : Redness, pain. The skin absorbs part of the ingredients of

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this product. Can cause dry or chapped skin.

In case of eye contact : Redness, watering, blurred vision. Risk of irritant effect on eyes.

If swallowed : Health risk even in small quantities. Product should not come into contact with foodstuffs.

### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Exposure to levels above the values under Section 8, or regular exposure even if levels are lower, of vapours from solvents present in the preparation may be harmful for health; the effects through inhalation of the vapours and/or contact with skin on long or short time are:

- Irritation of mucous membranes and respiratory tract, renal, liver and central nervous system,
- Affections,
- Symptoms include headaches, dizziness, fatigue, muscular asthenia and, in extreme cases,
- Unconsciousness.

Prolonged or repeated skin contact can lead to defatting, provoking non-allergic contact dermatitis and absorption of product through the skin. A regular medical follow-up is necessary.

## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

No information available

### **12.2. Persistence and degradability**

No information available

### **12.3. Bioaccumulative potential**

No information available

### **12.4. Mobility in soil**

No information available

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### 12.5. Results of PBT and vPvB assessment

No information available

### 12.6. Other adverse effects

Remarks : Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.  
Risk of formation of explosive vapours above water surface.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product : Avoid release to the environment or drains.  
Disposal together with normal waste is not allowed.  
Dispose of this product at hazardous or special waste collection point or give to an agreed waste collector / transporter for elimination or treatment.  
Dispose in a safe manner in accordance with local regulations.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. Do not burn, or use a cutting torch on, the empty drum. Risk of explosion.

Container : Empty containers /drums for storage or transport before giving to an agreed collector. Keep label (Flame, Class 3) on the container and dispose of it as hazardous waste.

## 14. TRANSPORT INFORMATION

This product is classified as dangerous goods.

14.1. UN number 1263

14.2. UN proper shipping name

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ADR : PAINT  
RID : PAINT  
IMDG : PAINT

### 14.3. Transport hazard class(es)

ADR-Class : 3  
(Labels ; Classification Code ; Hazard identification N° ; Tunnel restriction code) 3 ; F1 ; 33 ; 2 (D / E)

RID-Class : 3  
(Labels ; Classification Code ; Hazard identification N° ) 3 ; F1 ; 33

IMDG-IMCO Code : 3.1  
(EmS ; Flashpoint) 3-05 ; - 4°C

IATA / IACO Label : Flammable liquid

### 14.4. Packaging group

ADR : II  
RID : II  
IMDG : II  
IATA / IACO : II

### 14.5. Environmental hazards

No information available

### 14.6. Special precautions for user

No information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information available

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### 15. REGULATORY INFORMATION

Other regulation : Occupational restrictions: Take note of Dir 92/85/EEC on the safety and health of pregnant workers at work and of Dir 94/33/EC on the protection of young people at work.  
1223/2009/EEC: Regulation on cosmetic products

### 16. OTHER INFORMATION

#### Full text of H-Statements referred to under sections 2 and 3

H Statements      H201      : Explosive, mass explosion hazard.  
                         H319      : Causes serious eye irritation.  
                         H225      : Highly flammable liquid and vapour.  
                         H226      : Flammable liquid and vapour.  
                         H336      : May cause drowsiness or dizziness.  
                         EUH066 : Repeated exposure may cause skin dryness or cracking.  
                         EUH001 : Explosive, when dry.

This MSDS is based on data of the original safety data sheet provided by the manufacturer, using the up-to-date version of regulation 1907/2006. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product, therefore it cannot be used to verify quality compliance. Elite Cosmetix Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.