

# ELITE COSMETIX KFT.

## MATERIAL SAFETY DATA SHEET

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

Preparation date: 25.01.2010.

Revision date: 12.09.2016. Version: 2.0

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

1.1. Product identifier: Crystal Nails Primer

1.2. Relevant identified uses of the mixture and uses advised against:

Acidic primer with dehydrating and degreasing effect for nail plate before sculpting artificial nails for cosmetic use.  
Only for professional use.

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 (HU): 00 36 80 201199 (call around the clock)

### 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture:

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Acute Tox. 4, H302

Acute Tox. 3, H311

Acute Tox. 3, H331

Skin Corr 1A, H314

Eye Dam. 1, H318

Skin Sens. 1, H317

STOT SE 3, H335

Aqua. Acute 1, H400

Ingredients of unknown toxicity Percentage of the mixture consisting of ingredients of unknown toxicity: 3.3 % (m/m).

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### 2.2. Labelling elements:



GHS05 GHS06 GHS09

**Signal words:** Danger

#### **Hazard statements**

Toxic in contact with skin or if inhaled.

Harmful if swallowed.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

May cause respiratory irritation.

Very toxic to aquatic life.

#### **Precautionary statements**

##### **Prevention**

Wear protective gloves. Wear eye or face protection. Wear protective clothing. Avoid release to the environment.

##### **Response**

If inhaled Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician.

If on skin Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a POISON CENTER or physician.

If swallowed Immediately call a POISON CENTER or physician. Do NOT induce vomiting.

If in eyes Immediately call a POISON CENTER or physician.

**Storage** Store tightly closed.

**Disposal** Dispose of contents and container in accordance with all local, regional, national and international regulations.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	EU No.	INCI name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard statements	m%
methacrylic acid	79-41-4	201-204-4	Methacrylic Acid	Acute Tox. 4, Acute Tox. 3, Acute Tox. 3, Skin Corr 1A, Eye Dam. 1, Skin Sens. 1, STOT SE Aqua. Acut 1,	H302 H311 H331 H314 H318 H317 H335 H400	75-100
isobutyl methacrylate	97-63-2	202-597-5	Isobutyl Methacrylate	Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 STOT SE 3 Aqua. Acut 1	H226 H315 H317 H335 H400	1-5

### 4. FIRST AID MEASURE

#### 4.1. Description of first aid measures

If inhaled

Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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In case of skin contact	Get medical attention immediately. Call a poison centre or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
In case of eye contact	Get medical attention immediately. Call a poison centre or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
If swallowed	Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before

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removing it, or wear gloves.

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

#### Potential acute health effects

If inhaled	Toxic if inhaled. May cause respiratory irritation.
In case of skin contact	Causes severe burns. Toxic in contact with skin. May cause an allergic skin reaction.
In case of eye contact	Causes serious eye damage.
If swallowed	Harmful if swallowed.

#### Over-exposure signs/symptoms

If inhaled	Respiratory tract irritation, coughing.
In case of skin contact	Pain or irritation, redness, blistering may occur irritation
In case of eye contact	Pain, watering, redness.
If swallowed	Stomach pains

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

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatment	No specific treatment.

## FIREFIGHTING MEASURES

**5.1. Extinguishing media** Use an extinguishing agent suitable for the surrounding fire.

**5.2 Specific hazards during fire fighting** In a fire or if heated, a pressure increase will occur and the container may burst. This material is very toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

### 5.3. Advice for firefighters

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Special protective actions for fire-fighters Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

### 6. ACCIDENTAL RELEASE MEASURE

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

For non-emergency personnel No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

#### 6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

#### 6.3. Methods and

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### materials for containment and cleaning up

#### Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Large spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

#### 6.4 Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

#### Protective measures

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

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Empty containers retain product residue and can be hazardous. Do not reuse container.

### Hygiene measure

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## 7.2. Conditions for safe storage

### Requirements for storage areas and containers

Do not store above the following temperature: 65°C (149°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

## 7.3. Specific end uses

### Recommendations

Not available.

### Industrial sector specific solutions

Not available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Occupational exposure limits

No exposure limit value known.

### Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be



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made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

### 8.2. Exposure controls

#### Engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

#### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Eye/face protection

Safety eyewear complying with an approved standard should

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be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

### Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

### Other skin protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance/form	Clear, colourless liquid
Odour	Strong pungent
Initial boiling point/range	> 100 °C
pH	2.0-2.2
Melting/freezing point	15.8 °C
Initial boiling point and boiling range	161 °C
Flash Point	65 °C (closed cup)
Evaporation rate	< 1 (butyl acetate=1)
Vapour pressure	0.13 kPa (room temperature)
Vapour density	> 1 [Air=1]
Relative density	1.03
Auto-ignition temperature	Not available.
Viscosity (din. 20 °C)	1.4 mPas

#### 9.2. Other information

No further information available.

### 10. STABILITY AND REACTIVITY

<b>10.1. Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients.
<b>10.2. Chemical stability</b>	Stable under normal conditions of storage and use.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous reactions or instability may occur under certain conditions of storage or use.
<b>10.4. Conditions to avoid</b>	No specific data.
<b>10.5. Incompatible materials</b>	No specific data.
<b>10.6. Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Ingredient name	Result	Species	Dose	Exposure
methacrylic acid	LC50 Inhalation	Rat	7100 mg/m <sup>3</sup>	4 hrs
	LD50 Dermal	Rabbit	500 mg/ kg	-
	LD50 Oral	Rat	1060 mg/kg	-

#### Acute toxicity estimates

Route	ATE value
Oral	1096.2 mg/kg
Dermal	517.1 mg/kg
Inhalation (vapours)	7.342 mg/l

#### Specific target organ toxicity (single exposure)

Ingredient name	Category	Route of exposure	Target organs
methacrylic acid	Cat. 3	Not applicable	Respiratory tract irritation
isobutyl methacrylate	Cat. 3	Not applicable	Respiratory tract irritation

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

Potential acute health effects

If inhaled	Toxic if inhaled. May cause respiratory irritation.
In case of skin contact	Causes severe burns. Toxic in contact with skin. May cause an allergic skin reaction.
In case of eye contact	Causes serious eye damage.
If swallowed	Harmful if swallowed.

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

Not available.

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### 11.4. Potential chronic health effects

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ingredient name	Result	Species	Exposure
methacrylic acid	EC50 0.59 mg/l	Algae	96 hrs
	LC50 85 mg/l	Fish	96 hrs
	Chronic NOEC 53 mg/l (fresh water)	Daphnia – Daphnia magna - Neonate	21 days

### 12.2. Bioaccumulative potential

Ingredient name	LogPow	BCF	Potential
methacrylic acid	0.93	-	low
isobutyl methacrylate	2.95	-	low

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Dispose in a safe manner in accordance with local regulations.

Hazardous waste

The classification of the product may meet the criteria for a hazardous waste.

Packaging

The generation of waste should be avoided or minimised

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wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

### 14. TRANSPORT INFORMATION

This product is classified as dangerous goods.

<b>14.1. UN No.</b>	1760
<b>14.2. Proper shipping name</b>	CORROSIVE LIQUID, N.O.S. (methacrylic acid, isobutyl methacrylate)
<b>14.3. Transport hazard class</b>	8  
<b>14.4. Packing group</b>	PG II
<b>14.5. Environmental hazards</b>	Yes.
<b>14.6. Special precautions</b>	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available.

### 15. REGULATORY INFORMATION

Other regulation 1223/2009/EEC: Regulation on cosmetic products

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### 16. OTHER INFORMATION

Note of supplier of material safety data sheet

**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.**

**The product is labelled in accordance with 1223/2009/EEC. The product is intended only for professional use.**

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.