

ELITE COSMETIX KFT.

MATERIAL SAFETY DATA SHEET

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

Preparation date: 01.03.2013.

Revision date: 11.10.2016

Version: 2.0

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

1.1. Product identifier: Crystal Nails Royal Gel

Product codes: **R70 - R92**

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

Colour gel for 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.

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1A H317

2.2. Labelling elements:



GHS07

Signal words: Warning.

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Hazard statements

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

Precautionary statements

Prevention

P280: Wear protective gloves. Wear eye or face protection.

P261: Avoid breathing vapours.

Response

P305 + 351 + 338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337 + 313: If eye irritation persists: Get medical advice/attention.

Storage

Not applicable.

Disposal

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product is considered dangerous and contains the following hazardous substance(s):

Chemical name	CAS No.	EU No.	INCI name	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Hazard statements	m%
polyurethane acrylate oligomer	Exempt	—	Di-HEMA Trimethylhexyl Dicarbamate	Skin Irrit. 2 Eye Irrit. 2 Skin Sens. 1A	H315 H319 H317	75-100
isobornyl methacrylate	7534-94-3	231-403-1	Isobornyl Methacrylate	Aquatic Chronic 4	H413	10-25

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There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

4. FIRST AID MEASURE

4.1. Description of first aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Get medical attention if adverse health effects persist or are severe. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
In case of skin contact	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. Get medical attention. 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	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. Get medical attention.

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If swallowed	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. Get medical attention if adverse health effects persist or are severe. 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2. Most important symptoms and effects associated with exposure

If inhaled	No known significant effects or critical hazards.
In case of skin contact	Irritating to skin. May cause sensitisation by skin contact.
In case of eye contact	Irritating to eyes.
If swallowed	Irritating to mouth, throat and stomach.
Over-exposure signs/symptoms	
If inhaled	No specific data.
In case of skin contact	Adverse symptoms may include the following: irritation, redness.
In case of eye contact	Adverse symptoms may include the following: irritation, watering, redness.
If swallowed	Irritating to mouth, throat and stomach.

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4.3. Indication of immediate medical attention and special treatment needed

Notes to physician	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatment	No specific treatment.

FIREFIGHTING MEASURES

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

Recommended No specific data.

To avoid Not known.

5.2 Specific hazards during fire fighting In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulphur oxides, phosphorus oxides

5.3. Advice for firefighters

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

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unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing 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 Section 8 for additional information on hygiene measures.

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).

6.3. Methods and 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. 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 non-combustible, 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

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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 breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	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	Shield UV light sources. 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. 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.
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7.3. Specific end uses

Recommendations	Not available.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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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 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

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

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

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respirator.

Eye/face protection	Safety eyewear complying with an approved standard should 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.
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.
Skin and 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.
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.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance/form	Liquid gel with various colors.
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Odour	Slight acrylate odour.
pH	Not applicable.
Melting/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash Point	> 100 °C (c. c.)
Evaporation rate	No data available.
Vapour pressure	< 0.0013 kPa (room temp.)
Vapour density	No data available.
Relative density	1.14
Water solubility	Not miscible.
Explosive properties	Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.

9.2. Other information

No additional information.

10. STABILITY AND REACTIVITY

10.1. Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2. Chemical stability	Stable under normal conditions of storage and use.
10.3. Possibility of hazardous reactions	Hazardous reactions or instability may occur under certain conditions of storage or use. These could cause the product to polymerise exothermically. Unintentional contact with them should be avoided.
10.4. Conditions to avoid	No specific data.
10.5. Incompatible materials	No specific data.
10.6. Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

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11.1. Information on toxicological effects

Toxicity	Value	Method	Result
Eyes irritation	Irritating	Bridging principle	Eye Irrit. Cat. 2
Skin irritation	Irritating	Bridging principle	Skin Irrit. Cat. 2
Sensitisation	May cause an allergoc skin reaction	Bridging principle	Skin Sens 1A

11.2. Most important symptoms and effects associated with exposure

Potential acute health effects

If inhaled	No known significant effects or critical hazards.
In case of skin contact	Irritating to skin. May cause sensitisation by skin contact.
In case of eye contact	Irritating to eyes.
If swallowed	Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

If inhaled	No specific data.
In case of skin contact	Adverse symptoms may include the following: irritation, redness.
In case of eye contact	Adverse symptoms may include the following: irritation, watering, redness.
If swallowed	No specific data.

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

Short term exposure	No information available.
Long term exposure	No information available.

11.4. Potential chronic health effects

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General No information available.
Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

isobornyl methacrylate Log Pow: 5.09

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No known significant effects or critical hazards.

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 no recyclable 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.

Packaging Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning.

Special precautions 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

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containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

This product is NOT classified as dangerous goods.

14.1. UN No. —

14.2. Proper shipping name —

14.3. Transport hazard class and labels —

14.4. Packing group —

14.5. Environmental hazards —

14.6. Special precautions 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.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

15. REGULATORY INFORMATION

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

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

15.2. Chemical safety assessment Chemical safety assessment was prepared neither for the ingredients, nor for the product itself.

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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.

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.