

MATERIAL SAFETY DATA SHEET

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

Publishing date: 18. 06. 2015.

Revision date: -

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

1.1. Product identifier: CRYSTAL NAILS 3STEP CRYSTALAC

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

cosmetic product, nail gel

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

Elite Cosmetix Ltd.

Jozsef Krt. 44., H-1085 Budapest, Hungary

Phone no.: 00 36-01/461 0144 fax: 00 36-01/461 0145

1.4. Emergency telephone number:

Elite Cosmetix Ltd.: office@elitecosmetix.com, Phone: 00 36 01/461 0144 (office hours)

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:

Skin Irrit., Category 2

Eye Irrit., Category 2

Specific target organ toxicity – Single exposure, Category 3,

2.2. Label elements:

Pictogram



Signal Word: Wng

Hazard statements

H315 Causes skin irritation.

H 319 Causes serious eye irritation.

H 335 May cause respiratory irritation.

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Precautionary statements

P 264 Wash your hands thoroughly after handling.

P 280 Wear protective gloves/protective clothing/eye protection/face protection.

P 305 + P 351 + P 338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P 337 + P 313

If eye irritation persists: Get medical advice/attention.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see ... on this label).

P 332 + P 313

If skin irritation occurs: Get medical advice/attention.

P 362 Take off contaminated clothing and wash before reuse.

P 261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P 271 Use only outdoors or in a well-ventilated area.

P 304 + P 340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P 312 Call a POISON CENTER or doctor/physician if you feel unwell.

P 403 + P 233

Store in a well-ventilated place. Keep container tightly closed.

P 405 Store locked up.

P 501 Dispose of contents/container to waste container

2.3. Other hazards: -

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	EINECS number	INCI name	Classified accordance with regulation 1272/2008/EK (CLP)	Concentration [%]
Poliuretán akrilát oligomer	41137-60-4	255-239-5	Di-Hema Trimethylhexyl Dicarbamate	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335	50-75
Ethylene glycol methacrylate	868-77-9	212-782-2	HEMA	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335	15-25
Hydroxycyclohexyl phenyl ketone	947-19-3	213-426-9	Hydroxycyclohexyl Phenyl Ketone	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335	1-5
Trimethylbenzoyl diphenylphosphine oxide	162881-26-7	423-340-5	Bis-Trimethylbenzoyl Phenylphosphine Oxide	-	1-5
Titanium dioxide	13463-67-7	236-675-5	CI 77891	-	0-1
CI 77510	14038-43-8	237-875-5	CI 77510	-	0-1
CI 60725	81-48-1	201-353-5	CI 60725	-	0-1

4. FIRST AID MEASURES

General:

The injured person is removed from the endangered environment. The contaminated, soaked clothing should be removed immediately. Unconscious, injured or spastic condition. Never give anything by mouth.

Inhalation:

Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact:

Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

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Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Ingestion:

Do not induce vomiting. Keep individual calm. Get medical attention immediately.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media:

Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

5.2 Special hazards arising from the substance or mixture:

During fire toxic vapours are generated. High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

5.3. Advice for fire fighters:

Use gas-proof protection clothing and self-contained breathing apparatus. Full protective equipment, including self contained breathing apparatus is recommended.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Use personal protection measures. Avoid inhalation of vapors/mist/gas. Ensure appropriate ventilation. Remove all sources of ignition. Evacuate personnel to a safe area. Use appropriate personal protective equipment. The skin, eyes and clothing, the drug inhalation, and ingestion should be avoided. See protective measures 7 and 8 points as well.

6.2. Environmental precautions:

Avoid contact with soil, watercourses, drains and sewage systems. If the product has caused environmental pollution (sewage systems, watercourses, soil or air) inform the relevant authorities. In case of leakage of the product to the environment in large quantities all persons not involved in the rescue operation must be evacuated from the hazard area and relevant services must be notified. Shut off all ignition sources. Leakage must be quickly located and removed. When removing, do not inhale vapours and aerosols.

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6.3. Methods and material for containment and cleaning up:

Leakage should be collected with sorbents such as dry peat, sawdust and placed in sealed containers using non-sparking tools. The collected material should be returned for disposal in accordance with applicable chemical regulations. Avoid contact with oxidizing substances.

Use personal protective equipment in accordance with point 8.

7. HANDLING AND STORAGE

7.1 Handling:

Avoid contact with skin and eyes. Avoid breathing vapours or mist. Keep away from sources of ignition. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

Most acrylic monomers have low viscosities, thus only needing room temperature conditions to facilitate proper pouring techniques. However, viscous type gels such as these may require heating to facilitate proper pouring techniques. To ensure that this happens, product may be heated to 60°C/140°F for not more than 24 hours. Do NOT use localized heat sources such as band heaters to heat/melt product. Do NOT use steam. Hot boxes or hot rooms are recommended for heating/melting material. The hot box and/or room should only be set to a maximum temperature of 60°C/140°F. Do not overheat, this may compromise product effectiveness and should be avoided. Refrain from multiple reheatings of product, this will also diminishing the quality of the product.

7.2. Storage:

Storage: store in tightly closed containers in a dry and well-ventilated place. Protect from light, heat and ignition sources.

Store in a cool place. Opened containers must be carefully resealed and stored upright to prevent leakage. Product is extremely light sensitive. If exposed to natural light or UV light, material will cure very quickly. Store in a cool, dry place, away from heat and all types of light.

7.3. Specific end use(s): Spontaneous polymerization can occur. Use eye and skin protection.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Engineering controls: Good general ventilation should be sufficient to control airborne levels in small quantity use. Local exhaust is recommended for bulk repackaging or continuous large quantity use.

8.2. Occupational exposure controls:

The proper care is needed when working in preparation for clothing, eye, or. avoid skin contact. Normal conditions of use and use with adequate ventilation. During breaks and after work wash your hands.

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8.3. Personal protective equipment (PPE):

Respiratory protection: usually not necessary. However, inhalation of dusts and fumes should be avoided.

Hand protection: appropriate chemically resistant gloves (EN 374) is prolonged, direct contact, which corresponds to > 480 minutes of penetration of, for example, nitrile rubber (0.4 mm), CR (0.5 mm). Wash when contaminated. If the punctured gloves inside, stained, respectively, the dirt can be removed, the glove should be treated as hazardous waste.

Eye protection: safety glasses with side shields (EN 166).

Skin Protection: wear appropriate protective clothing (EN 463).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	liquid
Odor:	light
Density:	no data available
pH:	no data available
Boiling point:	greater than 93 °C
Flash point	90 °C
Explosive properties	no data available
Oxidising properties:	no data available
Vapour pressure:	no data available
Vapor density:	no data available
Water solubility:	slight
Partition coefficient: n-octanol/water:	no data available
Vapour density:	no data available
Evaporation rate:	no data available
Total VOC content:	0,8 %
Specific gravity:	1,10

9.2. Other information: -

10. STABILITY AND REACTIVITY

10.1 Reactivity:

Rapidly reacts with strong oxidizing agents and with alkali metals and peroxides.

Protect from light, which causes product polymerization. Protect from electrostatic discharge.

During combustion, carbon monoxide and carbon dioxide are produced.

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10.2. Chemical stability:

This product is stable during normal use.

10.3. Conditions to avoid:

Exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Heat, flames, sparks and other sources of ignition. Do not heat above 26 °C (80°C)

10.4. Agents to be avoided:

Rapidly reacts with strong oxidizing agents and with alkali metals and peroxides.

Protect from light, which causes product polymerization. Protect from electrostatic discharge.

During combustion, carbon monoxide and carbon dioxide are produced.

10.5. Hazardous decomposition products: hazardous polymerization may occur. Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Inhalation may cause irritation to the upper respiratory tracts, eyes and skin. The preparation may cause an allergic reaction in contact with skin. No data on acute toxicity is available.

When consumed is harmful. No data on mutagenic properties is available. Continuous exposure to skin may cause skin inflammation.

Acute oral toxicity:	No information available
Acute dermal toxicity:	No information available
Acute inhalation toxicity:	No information available
Skin irritation:	No information available
Eye irritation:	No information available
Sub-chronic toxicity:	No information available
Sensitization:	No information available
Mutagenicity:	No information available
Reproductive toxicity:	No information available
Carcinogenicity:	No information available

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12. ECOLOGICAL INFORMATION

The preparation is not hazardous to the environment, provided that it is handled and used carefully. Avoid discharge into sewage system. No data on bio-accumulation and mobility in the soil is available.

12.1. Toxicity:

Acute toxicity to fish:	no data available
Acute toxicity to invertebrates:	no data available
Acute toxicity to algae:	no data available

12.2. Persistence and degradability: no data available.

12.3. Bioaccumulative potential: no data available.

12.4. Mobility in soil: no data available.

12.5. Results of PBT and vPvB assessment: no data available.

12.6 Other adverse effects: no data available.

13. DISPOSAL CONSIDERATIONS

Observe national and local environmental protection regulations. Deliver solutions that are unnecessary and unsuitable for recovery to the designated waste processor. For more information about the disposal of the material, please contact an authorized waste disposal company.

14. TRANSPORT INFORMATION

The product is not hazardous for transport.

UN number:	-
UN proper shipping name:	-
Transport hazard class:	-
Packing group:	-
Environmental hazards:	-

15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),

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- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance),
- Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment: -

16. OTHER INFORMATION

List of relevant R phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

The manufacturer's recommended restrictions on use:

The product is for professional use. The proper use of a product, please read the detailed preparation guide.

This form of the manufacturer's 18. 06. 2015. provided on the original safety data sheets using the current 1907/2006 prepared in accordance with regulations.

The safety data sheet for the product usage instructions are not substitutes for certification (quality certification), can not be used to verify compliance.