MATERIAL SAFETY DATA SHEET
according to Regulation (EU) 2020/878

MGart Structure Gel **Date of Issue: 26/06/2024**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: MGart Structure Gel: PINK, NUDE, DARK NUDE, CLEAR, CLEAN LOOK, OLD MONEY, FRENCH LILY, ROSE NUDE, MILKY WHITE
Chemical description: Not applicable.
Other means of identification / UFI: None
Description: LED nail gel.

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

Use of the substance/mixture: LED nail gel.

1.3. Details of the supplier of the safety datasheet

Exporter:
MGART LLC
2900 NE 2ND AVE APT 166
MIAMI, FL 33137-4429
United States
Tel: +17863573832
Email: info@mgartgel.com
https://www.mgartgel.com/

E-mail address of competent person responsible for the SDS: contact@hse.com.ua
PE ZAVARZIN OLEKSANDR OLEKSANDROVYCH
84307, Donetsk reg., Kramatorsk, Panteleimon Kulish st., 19, Ukraine
Tel: +380673472274
https://hse.com.ua

1.4. Emergency telephone number

Emergency number:
In Europe: 112.
U.S. emergency number: 911

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS Classification(s):
The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]:

Hazardous pictograms:
Signal word: Warning.
Hazard statements:

Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.

HSE service
ОРИГІНАЛ
Підпис
hse.com.ua

Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

Precautionary statements:

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P235	Keep cool.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

According to Regulation (EC) No 1272/2008 [CLP]
Results of PBT and vPvB assessment: Does not contain PBT substances.

SECTION 3: Composition/information on ingredients

3.1. Substances

Molecular Formula: Not applicable.
CAS Registry #:-
Synonym: dietary supplement.
Dangerous substance:
There are no substances in the product in such a concentration or value, that it could be classified as hazardous substance in the sense of the Hazardous Substances ACT/ EC Regulations.

3.2. Mixtures

Chemical name	Conc [%]	CAS No.	EC No.	Classification acc. to. 1272/2008/EC
Urethane Acrylate Oligomer	35.0-45.0%	73324-00-2	615-966-4	Eye Irrit. 2 H319
Urethane Methacrylate	30.0-40.0%	N/E	N/E	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335 Aquatic Chronic 3 H412
Trimethylolpropane Trimethacrylate	15.0-25.0%	3290-92-4	221-950-4	Aquatic Chronic 2 H411
Tripropylene Glycol Diacrylate	6.0-10.0%	42978-66-5		Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335 Aquatic Chronic 3 H412
Silica	3.0-5.0%	7631-86-9	231-545-4	N/E
Benzoyl Isopropanol	1.0-3.0%	7473-98-5	231-272-0	Acute Tox. 4 H302 Aquatic Chronic 3 H412
Ethyl Trimethylbenzoyl Phenylphosphinate	1.0-3.0%	84434-11-7	282-810-6	Aquatic Chronic 2 H411 Skin Sens. 1 H317
Polyester Acrylate	0.0-1.0%	N/E	N/E	N/E
Dipropylene Glycol Diacrylate	0.0-1.0%	57472-68-1	260-754-3	Skin Irrit. 2H315 Skin Sens. 1 H317 Eye Dam.1 H318
Modified Polyether Acrylate	0.0-1.0%	N/E	N/E	Acute Tox. 4 H302 Skin Sens. 1 H317 Eye Irrit. 2 H319
CI 60725	0.0-0.1%	81-48-1	201-353-5	Skin Sens. 1 H317

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Provide the physician with the Safety Data Sheet. Observe the safety and usage notices stated on the label.

First-aid measures after inhalation: Remove person to fresh air. If breathing has stopped, give artificial respiration and seek medical attention. If symptoms persist, seek medical attention.

First-aid measures after skin contact: Remove contaminated clothing immediately. Wash contact area with soap and water for 15 minutes. If irritation persists, seek medical attention.

HSE service ОРИГІНАЛ hse.com.ua

First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes and seek medical attention.

First-aid measures after ingestion: Do not induce vomiting. If person is conscious, rinse the mouth with water and give a lot of water to drink. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: Headaches and dizziness.

Symptoms/injuries after skin contact: In case of prolonged contact, may cause redness, dryness, allergic skin reactions.

Symptoms/injuries after eye contact: Tearing, burning, redness, irritation.

Symptoms/injuries after ingestion: Gastroenterological problems, nausea, vomiting.

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

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, dry extinguishing powders, extinguishing foam.

Unsuitable extinguishing media: High water jet.

5.2. Special hazards arising from the substance or mixture

During a fire, hazardous volatile chemicals: carbon oxides, nitrogen oxides, hydrogen cyanide may be formed. Violent and uncontrolled polymerization reaction may occur because of high temperature and fire, as a result of which the storage containers may explode and rupture. Avoid using a solid water stream to prevent foaming during the fire. Use a water spray to cool unopened containers.

5.3. Advice for firefighters

Remove all sources of ignitron. Do not intervene without suitable protective equipment. Use self-contained breathing apparatus. Use complete protective clothing. Avoid contamination of the environment with water used to extinguish the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Restrict access to the area of bystander's failure. Ventilate spill area. Use protective clothing. Use protective glasses. Evacuate people from the danger zone. Avoid contact with skin and eyes. Avoid breathing vapors.

For emergency responders: Make sure that the failure and its effects are removed only by trained personnel. Ventilate spill area. Use protective clothing. Use protective glasses. Avoid contact with skin and eyes. Avoid breathing vapors.

6.2. Environmental precautions

Avoid release to the environment – surface water, groundwater and sewage system. Leaking containers store in a well-ventilated area. If necessary, call the appropriate emergency services. In case of large spills, they should be secured and recovered.

6.3. Methods and material for containment and cleaning up

Collect small spilled fluid with an absorbent material. Dispose of absorbent materials and residues in an authorized facility in accordance with national regulations. Use clean, non-sparking tools to scoop up absorbed material. Do not discharge to sewage system. Containers with product waste must be properly labeled.

6.4. Reference to other sections

None.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not eat, drink or smoke while using the product. Avoid contact with the eyes and skin. Avoid inhalation vapors. Provide good ventilation devices. Provide eye showers and washes. Light sensitive product – exposure to light should be

HSE service
ОРИГІНАЛ
Підпис
hse.com.ua

avoided. After finishing work, wash the skin thoroughly with soap and water. Wash contaminated clothes before reuse. In case of long time exposure use personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

The storage conditions: Store in dry and well-ventilated rooms. Away from heat sources, sparks and fire. Use mechanical ventilation. Store in tightly closed containers. Store in temperature below 45°C. Protect against frost, heat and sunlight. Do not smoke.
Incompatible materials: Acids, based, reducers, oxidants.

7.3. Specific end use(s)

No data.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The product composition has no components subject to control exposure in the work place.
Trimethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4

End-use	Inhalation	Ingestion	Skin contact
Workers	10,56 mg/m^3 (LT, SE)		3 mg/kg (LT, SE)
			9,33 mg/kg (LT, LE)
Consuments	2,6 mg/m^3 (LT, SE)	1,5 mg/kg (LT, SE)	1,5 mg/kg (LT, SE)
			4,67 mg/kg (LT, LE)

PNEC Aqua (fresh water) 2,76 mg/l
PNEC Aqua (sea water) 0,276 mg/l
PNEC Aqua (periodic table, fresh water) 0,02 mg/kg
PNEC Sediment (freshwater sediment) 0,495 mg/kg
PNEC Sediment (seawater sediment) 0,05 mg/kg
PNEC soil 0,097 mg/kg
PNEC STP 10 mg/L

Benzoyl Isopropanol – CAS 7473-98-5
DNEL Inhalation, Long-term 3,5 mg/m^3
DNEL Skin contact, long-term 1,25 mg/kg
PNEC Aqua (freshwater) 0,002 mg/l
PNEC Aqua (seawater) 0,0 mg/l
PNEC sediment (freshwater sediment) 0,019 mg/kg dry weight
PNEC sediment (seawater sediment) 0,009 mg/kg dry weight
PNEC soil 0,001 mg/kg dry weight
PNEC sewage treatment plant 45 mg/l

8.2. Exposure controls

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye washers and a safety shower. Wear impervious clothing such as gloves, apron, boots or a full protective suit to prevent any contact with the product. Provide general and local exhaust ventilation.

Appropriate engineering controls: No additional information available.
Hand protection: Use protective gloves (thick gloves >0,5mm, made of nitrile rubber are recommended) and work clothes. Wear long sleeve work clothes. The exact break through time should be obtained from the glove manufacturer and must be observed.
Eye protection: Avoid contact with eyes by wearing protective glasses or/and face shield. Do not use contact lenses, during using the product.
Skin and body protection: Wear protective clothing with long sleeves to prevent skin exposure.
Respiratory protection: If mechanical ventilation is not sufficient, use respiratory protection in accordance with the OSHA regulations for breathing apparatus (29 CFR

HSE service
hse.com.ua

1910.134) or the European standard EN 149. In justified cases, it is recommended to use protective masks with organic vapor absorbers.

General safety and hygiene measures: No special precautions necessary.

Environmental exposure controls: Do not allow to enter large amounts of ground water, sewage, waste or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Color: White
Appearance: color gel
Odour: Characteristic acrylic odor
Odour threshold: No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data applicable
Flammability: Product is not flammable
Explosive properties: Product does not present an explosion hazard
Explosive limits: Not determined
Lower explosion limit: Not determined
Upper explosion limit: Not determined
Flash point: Not determined
Auto-ignition temperature: Not determined
Decomposition temperature: Not determined
pH (at 20 ^{0}C): No data available
pH solution: No data available
Viscosity, kinematic: No data available
Solubility in water: No data available
Partition coefficient n-octanol/water (Log Kow): No data available
Vapour pressure: No data available
Vapour pressure at 50 °C: No data available
Density: No data available
Relative density: No data available
Relative vapour density at 20°C: No data available
Particle characteristics: Not applicable

9.2. Other information

Information with regard to physical hazard classes: No additional information.

Other safety characteristics: No additional information.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product can react with strong oxidizing agents, reducing agents, bases, acids.

10.2. Chemical stability

Stable under normal conditions, with proper storage and use.

10.3. Possibility of hazardous reactions

Uncontrolled polymerization reaction. Uncontrolled polymerization can result in excessive heat generation and pressure increase, which may cause rupture of closed storage tanks.

10.4. Conditions to avoid

Keep away from sources of heat and ignitron. Storage in temperature below 45°C. Avoid exposure to light, contamination with incompatible materials, loss of polymerization inhibitor, loss of dissolved air.

HSE service
ОРИГІНАЛ
hse.com.ua

10.5. Incompatible materials

Initiators, peroxides, strong bases, strong acids, reactive metals, oxidants, reducing agents.

10.6. Hazardous decomposition products

Carbon oxides, nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: There is no specific toxicological information for this product. The information is based on details for the constituents and on toxicological data for similar products.

	Ingestion LD_{50}	Skin contact LD_{50}	Inhalation LD_{50}
Trimethylolpropane Trimethacrylate (TMPTMA) CAS 3290-92-4	Slightly harmful or harmless if swallowed In animals: No mortality / rat: 2000 mg / kg (Method: OECD Guideline 423)	Slightly harmful or harmless in contact with skin In animals: No mortality / rat: 2000 mg / kg (Method: OECD Test Guideline 402)	No additional information available
Benzoyl Isopropanol CAS 7473-98-5	1694,0 mg/kg (Rat)	6929,0 > 2000 mg/kg (Rabbit) (OECD Guideline 402)	-

Skin corrosion/irritation: Causes skin irritation. Causes redness, irritation.
Serious eye damage/irritation: Causes eye irritation. May cause redness, burning, tearing, irritation.
Respiratory or skin sensitization: May causes skin sensitization.
Ingestion: May cause gastric problems, nausea, vomiting, diarrhea.
Germ cell mutagenicity: Not classified based on available information.
Carcinogenicity: Not classified based on available information.
Reproductive toxicity: Not classified based on available information.
Specific target organ toxicity (single exposure): May causes respiratory irritation.
Specific target organ toxicity (repeated exposure): Not classified based on available information.
Aspiration hazard: Not classified based on available information.
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

11.2. Information on other hazards

No data available.

SECTION 12: Ecological information

12.1. Toxicity

Trimethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4
Fishes: LC_{50} LC_{50}, 96h: (Oncortynchus mykiss): 2mg/l (Method: Test Guideline 203 OECD)
Aquatic invertebrates: EC_{50} EC_{50}, 48h: (Daphnia magna) >9,22 mg/l (Method: Test Guideline OECD 202)
Water plants: EC_{50} EC_{50}, 72h: (Pseudokirchneriella subcapitata): 3,88 mg/l (Method: Test Guideline OECD 201, decrease of height)
Microorganisms: EC_{50} EC_{50}, 3 h (Activated sludge: >1,00 (Method: Test Guideline 209 OECD)
Toxicity to aquatic organisms / long-term toxicity:
Fishes: NOEC NOEC, 32d (Pimephales promelas): 0,138 mg/l (Method: OECD Test Guideline 210, Early Life Stage)
Water plants: NOEC NOEC, 72h (Pseudokirchneiriella subcapitata): 0,177 mg/l (Method: Test Guideline OECD 201, growth slowdown)

Benzoyl Isopropanol – CAS 7473-98-5
Fishes: LC_{50} LC_{50}, 96h: 160 mg/l, (Leuciscus idus)
Invertebrates: EC_{50} EC_{50}, 48h: 119 mg/l, (Daphnia magna)
Water plants: EC_{50} EC_{50}, 72h: 1,95 mg/l,
Microorganisms: EC_{50} EC_{50}, 180 min: >1000 mg/l. Activated sludge

HSE service
ОРИГІНАЛ
Підпис
hse.com.ua

12.2. Persistence and degradability

Trimethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4
In water: Does not hydrolyze

Stability in water: Half-life:> 9.999 h at 25 ° C and pH 7 Method: OECD Test Guideline 111
Biodegradation: Not easily biodegradable. 53% after 28 d (Method: OECD Test Guideline 301 B).

Benzoyl Isopropanol – CAS 7473-98-5
Persistence and degradability: Water - Degradation (%) 90 - 100: 28 days. The product is easily biodegradable.

12.3. Bioaccumulative potential

Trimethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4
Bioakumulation: Potentially bioaccumulative. Partition coefficient: n-octanol / water: log Kow: 2.75 - 4.2, at 25 ° C (Method: OECD Guideline 117).
Benzoyl Isopropanol – CAS 7473-98-5
Partition coefficient: n-octanol / water: log Pow

12.4. Mobility in soil

Triethylolpropane Trimethacrylate (TMPTMA) - CAS 3290-92-4
Surface tension: 53 mN / m mg / l 20 ° C / 951.3 mg / l (Method: OECD Test Guideline 115)
Adsorption/desporption: Strong adsorption, log Koc: 2.07 - 3.25 (Method: OECD Guideline 121)

Benzoyl Isopropanol – CAS 7473-98-5
Adsorption/desporption: log Koc: 1 (Method: calculated) Based on the available information, it cannot be concluded that this mixture is hazardous.
Henry's law constant: 2.70E-006 atm m3/mol @ 25°C estimated value. (EPI Suite)
Surface tension: 62.6 mN/m @ 20°C.

12.5. Results of PBT and vPvB assessment

Does not contain persistent, Bioaccumulative, toxic or highly persistent and highly Bioaccumulative substances, according to the criteria in Annex XIII, EC Directive.

12.6. Endocrine disrupting properties

The product does not contain a substance that is considered to have endocrine disrupting properties according to EU REACH Article 57(f).

12.7. Other adverse effects

No data available.

12.8. Additional information

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product: Dispose of in accordance with local regulations.
Contaminated packaging: No special precautions are required for the disposal of this product. However, re-use where possible or return to manufacturer. If bulk quantities are required to be disposed of, contact the manufacturer for additional information.
Recommendation: Contact your local experts to obtain information about use or disposal of the material involved.

SECTION 14: Transport information

14.1 UN number or ID number

None Allocated.

14.2 UN proper shipping name

None Allocated.

14.3 Transport hazard class (es)

None Allocated.

HSE service
ОРИГІНАЛ
Підпис
hse.com.ua

14.4 Packaging group
None Allocated.

14.5 Environmental hazards
ADR/RID, IMDG, IATA: Does not present an environmental hazard.

14.6 Special precautions for user
None.

14.7. Maritime transport in bulk according to IMO instruments
Maritime transport in bulk is not intended.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878.

15.2. Chemical safety assessment
Chemical safety assessment was not conducted for this substance.

SECTION 16: Other information
Declaration:
The information in this safety data sheet is based on the provided data and samples. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in a purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations, and recommendations or which are necessary and/or useful based on the real applicable circumstances MGART LLC does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties.

HSE service
ОРИГІНАЛ
Підпис
hse.com.ua