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SAFETY DATA SHEET

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

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

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

1.1. Product identifier:

DON'T BURN ME - CLEAR code 70531, 70532, 70533

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

None Know

Professional Use of the Substance/Preparation: UV light curing gel for fingernail modeling

Chemical nature of the preparation: Gel based on urethane dimethacrylate / urethane acrylate prepolymers with functional additives and various colour pigments

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

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SECTION 2: Hazards identification

2.1. Classification:

Hazardous components:

Hazard Statement	Hazard Class and - Category
H317 - May cause an allergic skin reaction.	Skin Sens. 1
H319 - Causes serious eye irritation.	Eye Irrit. 2
H411 - Very toxic to aquatic life with long lasting effects.	Aquatic Chronic 2
EUH204 - Contains isocyanates. May produce an allergic reaction	

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 2: Hazards identification

2.2 Label elements:



Warning

H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.
EUH204 - Contains isocyanates. May produce an allergic reaction.
P280 - Wear butyl rubber gloves according to EN 374 and eye protection according to EN 166.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
P305 + P352 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P273 - Avoid release to the environment.
P501 - Dispose of contents / container to a recognized disposal company.

2.2 Other hazards:

Human experience: May cause respiratory irritation. People who are allergic to isocyanates, and especially those who suffer from asthma or respiratory problems, must not work with isocyanates.

Aquatic environment

Slightly water endangering.

Persistent, bioaccumulative and toxic substances (PBT-substances): None.

Very persistent and very bioaccumulative substances (vPvB-substances): None.

SECTION 3: Composition/information on ingredients

3.1. Substances:

Not applicable.

3.2 Mixtures:

Dangerous Ingredients

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 3: Composition/information on ingredients						
CAS - No.	Index - No.	EC - No.	Chemical name / REACH registration number	m% - range	pictogram(e)	H - phrases
72869-86-4	Keine	276-957-5	7,7,9(or 7,9,9)-trimethyl-4,13 dioxo-3,14-dioxa-5,12-diazahexadecane 1,16-diylbismethacrylate / (Urethandimethacrylate) 01-212075120 2-68-XXXX	47 < C < 53 %	GHS07 GHS09	H317 H411
27813-02-1	None.	248-666-3	Methacrylic Acid, Monoesters with 1,2-Propanediol (HPMA) / 01-211-9490226-37-0002	6 < C < 9 %	7 GHS	H317 H319
42978-66-5	607-249-00-X	256-032-2	(1-Methyl-1,2- ethandiy) bis[oxy (methyl-2,1 ethandiy) diacrylate (Tripropyleneglycoldiacrylate) /01-2119484613-34-0006	1 < C < 2 %	GHS07 GHS09	H319 H335 H315 H317 H411
15206-55-0	None.	239-263-3	Methylbenzoylformiate / No data available	0,1 < C < 0,5 %	7 GHS	H317

H315 = Skin Irrit. 2, H317 = Skin Sens. 1, H319 = Eye Irrit. 2, H335 = STOT SE 3, H411 = Aquatic Chron. 2.

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 4: First aid measures

4.1 Description of first aid measures:

General advice:

Show this safety data sheet to the doctor in attendance.

Inhalation:

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Consult a physician.

Skin contact:

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion:

Not to be kept in the mouth. Clean mouth with water and drink afterwards plenty of water. Consult a physician.

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

Itching, rashes, hives.

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

May cause sensitization. Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use dry chemical, CO₂, water spray or "alcohol" foam.

Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance or mixture:

In the event of fire the following can be released: Carbon oxides, nitrogen oxides and phosphorus oxides.

5.3 Advice for firefighters: None.

Special protective equipment for firefighters:

Special protective equipment for firefighters:

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Contaminated surfaces will be extremely sticky. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder, sawdust). Emergency procedures such as the need to evacuate the danger area or to consult an expert.

6.1.2 For emergency responders:

Use personal protective equipment. Inform the untrained personnel that the precautions listed in the subsection 6.1.1 are complied with.

6.2 Environmental precautions:

Do not flush into surface water or sanitary sewer system. Local authorities should be advised if spillages cannot be contained. Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). Shovel into suitable container for disposal.

6.3 Methods and material for containment and cleaning up:

6.3.1. Methods and material for containment:

Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). Shovel into suitable container for disposal.

6.3.2 Methods and material for cleaning up:

Soak up with inert absorbent material (e.g. sand, silica gel, universal binder). Shovel into suitable container for disposal.

6.3.3 Inappropriate containment or clean-up techniques:

None.

6.4 Reference to other sections:

See section 8 / 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

7.1.1 Recommendations shall be specified to:

Do not breathe vapour. Avoid contact with skin and eyes. Keep container tightly closed in a cool, well-ventilated place. Ensure adequate ventilation, especially in confined areas.

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 7: Handling and storage

7.1.2 Advice on general occupational hygiene shall be provided:

Do not breathe vapour. Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use. When using do not eat or drink. When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities:

Keep away from oxidising agents. Keep container tightly closed in a cool, well-ventilated place. Protect from light.

Precautions in Case of Fire and Explosion:

Normal measures for preventive fire protection.

7.3 Specific end use(s):

UV light curing gel for fingernail modeling.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

CAS / Material

Limit Value according to TRGS 900/ EC Guideline 2000/39

Reference: Gestis Data base - Data on chemical media, November 2023

DNEL-Values: 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate	
Excessive exposures - systemic properties:	Inhalation: 3,3mg/m3
DNEL-Values: Methacrylic Acid, Monoester with 1,2-Propandiol (HPMA)	
Excessive exposures - systemic properties	Inhalation: 14,7 mg/m5
DNEL- Values: (1-Methyl-1,2-ethandiyl)bis[oxy(methyl-2,1-ethandiyl)diacrylate (Tripropylenglykoldiacrylate)	
Excessive exposures - systemic properties:	Inhalation: 24,48 mg/m3

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 8: Exposure controls/personal protection

PNEC – Values:

Data source: Supplier's safety data sheet

PNEC: 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahehexadecane-1,16-diyl bismethacrylate

Freshwater 0.01 mg/l

Freshwater sediment 4.56 mg/kg

Seawater 0.001 mg/l

Seawater sediment 0.46 mg/kg

Soil 0.91 mg/kg

Impact on wastewater treatment 3.61 mg/l

No PNEC values are available for the other ingredients listed in section 3.2.

8.2 Exposure controls:

None.

8.2.1 Appropriate engineering controls:

Ensure adequate ventilation, especially in confined areas.

8.2.2 Personal Protective Equipment

Respiratory Protection: No personal respiratory protective equipment normally required.

Hand Protection:

Excessive exposure: Protective gloves (butyl rubber) according to EN 374.

Break through time: > 480 Min. Glove thickness: 0,7 mm / Level 6.

Short time exposure: Protective gloves according to EN 374. (butyl rubber).

Break through time: > 30 Min. Glove thickness: 0,4 mm / Level 2.

Eye Protection: Tightly fitting safety goggles according to EN 166.

Skin Protection: Long sleeved clothing.

Further Information: Choose body protection according to the amount and concentration of the dangerous

substance at the work place.

Thermal hazards: None.

8.2.3 Environmental exposure controls: None.

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance: viscous liquid

Colour: various

Odour: like acrylate

Odour threshold: no data available

Safety Relevant Data

pH: (undiluted): no data available

Boiling point/range: (°C): no data available

Melting point/range : (°C): no data available

Flash point (°C): > 100

Evaporation Rate: no data available

Flammability (solid, gas): no data available

Upper/lower flammability or explosive limits: not applicable, not applicable

Vapour pressure: no data available

Vapour density ((Air = 1.0)): no data available

Relative density (g/cm³): > 1

Water solubility: insoluble

Fat solubility: Not relevant

Partition coefficient (n-octanol/water): no data available

Auto-ignition temperature °C: Not applicable.

Decomposition temperature °C: no data available

Kinematic viscosity: viscous liquid: no data available

Viscosity: no data available

Oxidising properties: Not applicable.

Explosive properties: not applicable

Solvent (g/100 g): None

VOC (g / kg): None.

Particle characteristics: not applicable

Thermal decomposition (°C): no data available

Vapour density (Air = 1): no data available

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 9: Physical and chemical properties

Evaporation rate: no data available

9.2 Other information:

9.2.1 Information with regard to physical hazard classes:

No further information according to a to q according to Regulation (EU) 2020/878 required.

SECTION 10: Stability and reactivity

10.1 Reactivity:

No hazards resulting from the material as supplied.

10.2 Chemical stability:

Stable at normal conditions

10.3 Possibility of hazardous reactions:

Keep away from oxidising agents.

10.4 Conditions to avoid:

Sun- and UV- Light. Product hardens.

10.5 Incompatible materials:

None.

10.6 Hazardous decomposition :

None.

SECTION 11: Toxicological information

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

11.1.1 Mixtures

Acute toxicity

LC50/inhalation/ ppm / 4h / rat= No data available

LD50/oral/rat mg/kg = > 5000

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 11: Toxicological information

LD50/dermal/rab mg/kg > 2000

Skin corrosion/irritation None.

Serious eye damage/irritation Causes serious eye irritation. Eye Irr. 2

Respiratory or skin sensitisation: May cause an allergic skin reaction. Skin Sens. 1

Carcinogenicity: None.

Mutagenicity: None.

Toxicity for reproduction None.

STOT-single exposure May cause drowsiness or dizziness. STOT SE 3

STOT-repeated exposure None.

Aspiration hazard No data available.

11.1.2 Substances

Acute toxicity Methacrylic Acid, Monoester with 1,2-Propandiol (HPMA):

LC50/inhalation/4h/rat = no data available

LD50/oral/rat = 11200 mg/kg

LD50/dermal/rat = > 5000

Skin corrosion/irritation None

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity Suspicion

Carcinogenicity Suspicion

Reproductive toxicity Suspicion

STOT-single exposure None.

STOT-repeated exposure None.

Aspiration hazard None.

Acute toxicity (1-Methyl-1,2-ethandiyl)bis[oxy(methyl-2,1-ethandiyl)diacrylate (Tripropylenglykoldiacrylate):

LC50/inhalation/4h/rat = no data available

LD50/oral/rat = 6800 mg/kg

LD50/dermal/rat = > 2000 mg/kg

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 11: Toxicological information

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity no data available

Carcinogenicity no data available

Reproductive toxicity no data available

STOT-single exposure May cause respiratory irritation. STOT SE 3

STOT-repeated exposure No data available.

Aspiration hazard None.

Acute toxicity 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate:

LC50/inhalation/4h/rat = no data available

LD50/oral/rat = no data available

LD50/dermal/rat = no data available

Skin corrosion/irritation None.

Serious eye damage/irritation None.

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity no data available

Carcinogenicity no data available

Reproductive toxicity no data available

STOT-single exposure None.

STOT-repeated exposure None.

Aspiration hazard None.

*** Acute toxicity Methylbenzoylformiate:**

LC50/inhalation mg/l/4h/rat = 10,6

LD50/oral/rat = > 5000 mg/kg

LD50/dermal/rat = > 1160mg/kg

Skin corrosion/irritation None

Serious eye damage/irritation None

Respiratory or skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity no data available

Carcinogenicity no data available

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 11: Toxicological information

Reproductive toxicity no data available

STOT-single exposure None.

STOT-repeated exposure None.

Aspiration hazard None.

11.1.3 Test data: no data available

11.1.4 Classification criteria for a particular hazard class:

According to Regulation (EC) No. 1272/2008 including the amending regulations.

11.1.5 Information on likely routes of exposure: See 11.1.1 und 11.1.2.

11.1.6 Symptoms related to the physical, chemical and toxicological characteristics:

May cause respiratory irritation. People who are allergic to isocyanates, and especially those who suffer from

asthma or respiratory problems, must not work with isocyanates.

Further symptoms, see section 4.2.

When used as intended and in compliance with the individual protective measures listed under 8.2.2, there is no

danger from the product in the form in which it is supplied.

11.1.7 Delayed and immediate effects as well as chronic effects from short and long-term exposure: Not known.

11.1.8 Interactive effects: Not known.

11.1.9 Absence of specific data: No specific data available.

11.1.10 Mixtures: The mixture as a whole has not been tested for its health effects.

The possible dangers of the ingredients are specified in point 11.1.2.

(Classification according to Regulation (EC) No. 1272/2008 including the amending regulations.

11.1.11 Mixture versus substance information:

11.1.11.1. Interactions of the ingredients in the mixture in the body: No information available.

11.1.11.2 Effect of the ingredients: If high doses are taken orally, damage to various organ systems, especially the liver.

A teratogenic effect after oral intake of high doses is clear been proven.

11.2.1 Endocrine disrupting properties: None.

11.2..2 Other information: None

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 12: Ecological information

12.1 Toxicity:

Slightly water endangering.

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylat:

EC50 Fish (96 hours): 10,1 mg/l

EC50 Daphnia Magma(48 hours): > 1,2 mg/l

EC50 algae (72 hours): 100 mg.

12.2 Persistence and degradability:

May be separated mechanically in waste water plants. Not easily biodegradable.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

Persistent, bioaccumulative and toxic substances (PBT-substances): None.

Very persistent and very bioaccumulative substances (vPvB-substances): None.

12.6 Endocrine harmful properties: None.

12.7 Other adverse effects: None

SECTION 13: Disposal considerations

13.1 Waste treatment methods:

Methods of waste treatment of both the substance or mixture and any contaminated packaging

Suggestions: Dispose of contents / container to a recognized disposal company.

Waste disposal number: 20 01 27 - paint, inks, adhesives and resins containing dangerous substances (Decision 2014/955)

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 14: Transport information

Transportation according to ADR/GGVS, IMDG/GGVSee and IATA-DGR/ICAO-TI:

14.1 UN-Nummer: UN 3082

14.2 UN proper shipping name: UN 3082 Environmentally hazardous substance, liquid, n.o.s.
7,7,9(or 7,9,9)-

trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazaheptadecane-1,16-diyl bismethacrylatee

14.3 Transport hazard class(es): 9/M6

Risk Label: 9

14.4 Packaging group: III

Transport category (Tunnel restriction code): 3(-)

14.5 Environmental hazards:

Marine pollutant: Yes..

14.6 Special precautions for user:

None.

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

Not applicable.

Additional information for the transportation according to ADR/GGVS:

Further information:

Limited quantities according to 3.4: Up to 5 litres per inner packaging and 30 kg gross per package.

Excepted quantities according to 3.5.1.2: , E1 using the code 3.5.4.2 for exempted quantities:



Maximum net quantity per inner packaging 30 ml. Maximum net quantity per outer packaging 1000 ml.

SECTION 15: Regulatory information

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

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

DON'T BURN ME - CLEAR

code 70531, 70532, 70533

SECTION 15: Regulatory information

Compliance with occupational safety measures, Regulation (EC) 1223/2009

Regulation (EC) 1223/2009 (cosmetics): Yes..

Regulation (EC) 1005/2009: not applicable.

Regulation (EC) 850/2004: not applicable..

Regulation (EC) 649/2012: not applicable..

Directive 96/82/EC: applicable. (Observance of the quantity thresholds)

Regulation (EC) No 648/2004 on detergents: not applicable

15.2 Chemical safety assessment: No data available.

SECTION 16: Other information

H - Phrases:

H315 -Causes skin irritation.

H335 - May cause respiratory irritation.

H411- Toxic to aquatic life with long lasting effects.

Abbreviations:

UFI - Code: UFI = Unique Formula Identifier

PNEC = predicted no effect concentration

DNEL-(Derived No-Effect Levels)

Regulation (EC) 1005/2009: Substances that deplete the ozone layer

Regulation (EC) 850/2004: Persistent organic pollutants

Regulation (EC) 649/2012: Export and import of dangerous chemicals

Regulation (EC) 1005/2009: Substances that deplete the ozone layer

Regulation (EC) 850/2004: Persistent organic pollutants

Regulation (EC) 649/2012: Export and import of dangerous chemicals

Further information to work out the Data sheet:

Data of the producer.

Classification: According to Regulation (EC) No 1272/2008 including the amending regulations.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products. nail253_100325