MATERIAL SAFETY DATA SHEET

Current version : issued: 02.01.2025

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

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

Product name: POLYMEL UV / POLYMEL ENAMEL

Product code: FES01 to FES32, FET01, FEPH01 to FEPH06, FEP01 to FEP19 & FESP01 to FESP06

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

Use of substance / mixture:.

The POLYMEL ENAMEL is a cold enamel. Cured with UV light and is easily applicable for jewelry coloring and decoration

1.3. Details of the seller

Seller :

Address FRANC'EMAIL / GEMORA UV
8 rue du General Baegert 67210 Obernai France

Email: contact@gemora-uv.fr

Telephone: +33 3 88 49 90 69

Fax:

Website https://gemora-uv.fr/

1.4. Emergency telephone number

Emergency tel: +33 3 88 49 90 69 (office hrs only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP:
Classification under CLP:
Most important adverse effects: Xi:R37;Sens.:R43;-:R52/53 AquaticChronic3:H412; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317 Causesskinirritation. May cause an allergic skin reaction. Causes serious eye irritation.Harmfulto aquatic life with long lasting effects.

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2.2. Label elements

Label elements under CLP:

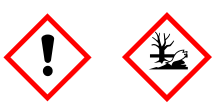
Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

EU declaration of conformity : EC Directives & Amendment : General Product Safety Directive (2001/95/EC)



CE

Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P264: Wash hands thoroughly after handling. P280: W ear protective gloves/protective clothing/eye protection/face protection. P302+352: IF ON SKIN: Wash with plenty of water/. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see instructions on this label).

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

METACRYLATE OLIGOMER

EINECS	CAS	PBT / W EL	CLP Classification	Percent
PROPRIETARY	72869-86-4	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	25%

METACRYLATE MONOMER

-	42978-66-5	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	35%

METHACRYLATE MONOMER

PROPRIETARY	2156-97-0	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	35%

PHOTOINITIATOR

-	15206-55-0	-	Eye Irrit. 2: H319; Skin Sens. 1A: H317; Aquatic Chronic 2: H411	5%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact. There may be irritation and redness.

Eye contact: The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. There may be irritation of the throat with a feeling of tightness in the chest.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathingapparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures:

Absorb into dry earth or sand.Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Store always horizontaly (jars not airtight)

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/PNEC Values

Workplace exposure limits: No data available.

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Characteristic odour

Evaporation rate: Negligible.

Oxidising: No data available.

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Viscosity: Low

Boiling point/range°C: >35

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: >93

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: Not applicable.

VOC g/l: Not applicable.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid: Heat.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

Acrylate monomer

IPR	RAT	LD50	55 mg/kg	
ORL	RAT	LD50	5190 µl/kg	

Acrylate monomer

IPR	RAT	LD50	760 mg/kg	
ORL	RAT	LD50	5 gm/kg	

Relevant hazards for substance:

Hazard	Skin	Route	Basis
corrosion/irritation	Serious eye	DRM	Hazardous: calculated
damage/irritation		OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

Biocompatibility : No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: Not applicable.

14.2. UN proper shipping name

Shipping name: Not applicable.

14.3. Transport hazard class(es)

Transport class: Not applicable.

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

Environmentally hazardous: Not applicable. **Marine pollutant:** No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H228: Flammable solid.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H361f: Suspected of damaging fertility.

H373: May cause damage to organs through prolonged or repeated exposure.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This product is not a medical device, not classified. This company shall not be held liable for any damage resulting from handling or from contact with the above product.