



# SAFETY DATA SHEET

## MAGPIE ACRYLIC SYSTEM

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

#### 1.1. Product identifier

**Product name:** Magpie Acrylic System

**Product code:** MONOMER

**1.2. Relevant identified uses of the substance or mixture and uses advised against Use of substance / mixture:** For professional use only. To be mixed with appropriate acrylic polymer in the manufacture of artificial nail extensions. PC39: Cosmetics, personal care products.

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

**Company name:**

Magpie Beauty Limited The Granary  
2 Elm Tree Close  
Palterton  
Derbsyhire  
S44 6RW  
England  
**Email:** [help@magpiebeauty.co.uk](mailto:help@magpiebeauty.co.uk)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317

**Most important adverse effects:** Highly flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:**

H225: Highly flammable liquid and vapour.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.

**Hazard pictograms:**

GHS02: Flame  
GHS07: Exclamation mark



**Signal words:** Danger

**Precautionary statements:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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 instruction on this label).

**2.3 Other hazards**

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

**Section 3: Composition/information on ingredients**

**3.2 Mixtures**

**Hazardous Ingredients:**

ETHYL METHACRYLATE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
202-597-5	97-63-2	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; OT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	>75%

HYDROXY PROPYL METHACRYLATE

248-666-3	27813-02-1	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	10-25%
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GLYCEROL DIMETHACRYLATE

-	1830-78-0	-	STOT SE 3: H335; Eye Irrit. 2: H319; Skin irrit. 2: H315	1-5%
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TETRA ETHYLENE GLYCOL DIMETHACRYLATE

-	109-17-1	-	Eye Irrit. 2: H319; STOT SE 3: H335	1-5%
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N,N-DIMETHYL-P-TOLUIDINE - REACH registered number(s): 01-2119956633-31-0000

202-805-4	99-97-8	-	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412	1-5%
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DIPENTAERYTHRITYL HEXAACRYLATE

-	TRADE SECRET	-	Eye Irrit. 2: H319; Skin Sens. 1B: H317; Aquatic Chronic 3: H412	0.1-1%
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## 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. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

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

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. 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.

**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. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**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:** Not applicable

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### **5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. 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 unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

### **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. Do not use equipment in clean-up procedure which may produce sparks.

### **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. Smoking is forbidden. Use non-sparking tools.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** No data available

### **7.3. Specific end use(s)**

**Specific end use(s):** No data available.

## **Section 8: Exposure controls/personal protection**

### **8.1. Control parameters**

**Hazardous ingredients:**

## ETHYL METHACRYLATE

### Workplace exposure limits:

### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
DNEL	Dermal	0.8 mg/kg/day	Workers	Systemic

### DNEL/PNEC Values

**DNEL/PNEC:** No data available

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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

**Hand protection:** Impermeable gloves.

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

**Skin protection:** Impermeable 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:** Fast

**Viscosity:** Non-viscous

**Boiling point/range°C:** 200

**Flash point°C:** 16.0

**Relative density:** 0.96

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below. Polymerisation may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight. Hot surfaces. Heat. Sources of ignition. Flames.

#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

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

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Hazardous ingredients:

ETHYL METHACRYLATE				
IPR	RAT	LD50	1223	mg/kg
ORL	MUS	LD50	7836	mg/l
ORL	RAT	LD50	14800	mg/kg
HYDROXY PROPYL METHACRYLATE				
ORL	RAT	LD50	11600	mg/kg
GLYCEROL DIMETHACRYLATE				
ORAL	RAT	OECD423	>2000	mg/kg
TETRA ETHYLENE GLYCOL DIMETHACRYLATE				
ORAL	RAT	LD50	10837	mg/kg
N,N-DIMETHYL-P-TOLUIDINE				
IPR	MUS	LD50	212	mg/kg

##### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	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. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

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

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

<b>HYDROXY PROPYL METHACRYLATE</b>			
GOLDEN IDE	48H EC50	493	mg/l
<b>GLYCEROL DIMETHACRYLATE</b>			
FISH	48H LC50	43.2	mg/l
<b>N,N-DIMETHYL-P-TOLUIDINE</b>			
Daphnia magna	48H LC50	15.259	mg/l
Fish Pimephales promelas	96H LC50	48	mg/l

### 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

**Other adverse effects:** Harmful to aquatic organisms.

## **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**

**Transport Class:** UN1993

### **14.2 UN Proper Shipping Name**

FLAMMABLE LIQUID, N.O.S.

(ETHYL METHACRYLATE MONOMER, HYDROXY PROPYL METHACRYLATE MIXTURE)

### **14.3 Transport hazard class(es)**

**Transport Class:** 3

### **14.4 Packing Group**

**Packing Group:** II

### **14.5 Environmental Hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

### **14.6 Special precautions of user**

**Special precautions:** No special precautions

## **Section 15: Regulatory information**

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

### **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 2015/830.

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

### **Phrases used in s.2 and s.3:**

H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.



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 company shall not be held liable for any damage resulting from handling or from contact with the above product.