

# 58EG-Material Safety Data Sheet

in accordance with EG-regulation 1907/2006 EC, Art.

31

Tradename: POLY ACRYLGEL, Product coat: 6101, 6102, 6103, 6105, 6015

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**Trade name : POLY ACRYLGEL Clear, White, Pink, Nude Rosa, Nude Rosé**

**Use of the product: light-curing plastic for artificial fingernails**

**Hersteller/Lieferant:**

**aktive4nails**

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**Emergency information: (Germany)**

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## 2. Hazards



### Hazard labels

H 317

H 319

### Hazard designation

May cause an allergic skin reaction

Causes serious eye irritation



GHS 07

P 102

health hazard; signal word: warning

Keep out of reach of children.

## 3. Composition / Information on ingredients

Chemische Identität	Cas.Nr.	CI Nr.	EINECS	% Schlüssel
Urethane Acrylate	NA	NA	NA	50-75
Propylidynetrimethyl trimethacrylate	3290-92-4	NA	221-950-4	10-25
Acrylates Copolymer	2535-69-2	NA	NA	10-25
Aliphatic urethane dimethacrylate	NA	NA	NA	5-10
2,2-ethylenedioxydiethyl dimethacrylate	109-16-0	NA	203-652-6	5-10
Isobornylmethacrylat	7534-94-3	NA	231-403-1	1-5
Pirogene Kieselsäure	68611-44-9	NA	271-893-9	1-5
Methyl benzoylformate	15206-55-0	NA	NA	0,1-1
1-Hydroxycyclohexylphenylketon	947-19-3	NA	NA	0,1-1
Polyacrylate	NA	NA	NA	< 0,1
P-Hydroxyanisole	150-76-5	NA	205-769-8	< 0,1
Pigment	81-48-1	60725	201-353-5	< 0,1
Pigment	13463-67-7	77891	236-675-5	0,1-1
Pigment	39393-39-0	45174	NA	< 0,1
Pigment	3068-39-1	Basic Red 1:1	NA	< 0,1
Pigment	68427-35-0	Solvent Yellow 172	270-393-3	< 0,1

## **04 First aid measures**

### **After inhalation**

Bring the person to fresh air and keep him calm

### **After skin contact**

Wash off with soap and water and rinse well.

Consult a doctor if skin irritation persists.

### **After eye contact**

Promptly rise the opened eye with running water thoroughly for several minutes.

Get medical attention immediately.

### **After swallowing**

Do not induce vomiting!

Get medical attention immediately.

### **General information**

Remove contaminated clothing immediately.

Medical treatment is necessary, when anyone has symptoms apparently due to the effect of the product on the skin, eyes or inhalation of its vapors.

## **5 Fire fighting measures**

### **Protective equipment**

Containing breathing apparatus and full protective gear.

### **Suitable extinguishing media**

Alcohol resistant foam, dry chemical, carbon dioxide

### **Unsuitable extinguishing media**

Water

### **More information**

Endangered containers you have to cool with water spray.

Fire residues are disposed off safely.

## **6 Accidental release measures**

### **Personal precautions**

Ensure adequate ventilation

Wear personal protective equipment

Exclude sources of ignition

Wear respiratory protection by effects of fumes/dust or aerosols.

Note EX Protection

**Environmental precautions**

Do not discharge groundwater/-surface water into drains

**7 Handling and storage****Handling**

Keep container tightly closed

Ensure good ventilation or air extraction,- supply of fresh air

**Fire and explosion protection**

Keep away from sources of ignition

Do not smoke

Take measures to prevent electrostatic charging

**Storage rooms/ containers**

Keep only in original container

Only about 90% is complete, as oxygen is necessary for stabilisation.

**Storage conditions**

Keep away from heat and direct sunlight

Recommended storage temperature: not > 30°C

Under these storage conditions the product ist over 3 years preserved

**8 Limitation and monitoring of exposure / personal protective equipment**

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**Hand protection**

Use Neoprene gloves ( not latex)

Before each renewed use, check for leaks.

**Eye protection**

Sealing seat googles with side shields

**Body protection**

When handling larger quantities: face protection, chemical resistant boots and apron bear

**Respiratory protection**

When you have a low pollution, please use a respiratory filter in accordance with DIN norm. By prolonged exposure please use a self-contained breathing apparatus.

**General precautions**

Keep away from food and beverages

Wash hands before breaks and at end of work

Not inhale gases/fumes/aerosols  
Avoid contact with skin and eyes  
Protect skin by using protective albums  
Separate storage of protective clothing  
Observe the operating instructions and safety instructions for chemicals  
Note the usual precautionary measures for handling chemicals.

## **9 Physical and chemical properties**

Viscosity: Gel like

characteristic melting point: NA

Boiling point: NA

Flash point: NA

Ignition: NA

Explosion limits: upper NA  
lower NA

Vapor pressure: NA

Refractive index: NA

Solubility: Methanol, Ethanol

Solubility in water: no

Viscosity (mPas/ 60°C): NA

SZ (mg KOH/g): NA

## **10 Stability and reactivity**

### **Hazardous reactions**

In the presence of radical formers (peroxides) , reducing substances and heavy metal ions, a polymerisation is possible under the evolution of heat.

### **Hazardous decomposition products**

Carbon monoxide, carbon dioxide, corrosive vapor/gases

## **11 Toxicological information**

### **Primary irritant effect:**

#### **On the skin:**

Light irritating skin and mucous membranes are possible

#### **Eye contact:**

Irritability

#### **Sensitisation:**

Skin sensitisation is possible

#### **Experience on humans:**

There are no specific results known

#### **Additional toxicological information :**

No evidence of mutagenicity

No evidence of genotoxicity

No evidence of  
carcinogenicity

## **12 Ecological information**

### **Biodegradation**

There are no values

### **Water hazard class**

1 (Self-assessment)

### **Fish toxicity**

There are no values

### **Algae toxicity**

There are no values

### **General notes**

Prevent spreading in groundwater, soil, water and drainage systems.

## **13 Disposal**

### **Product:**

Must become under adherence to official regulations a special treatment

**Contaminated packaging**

Contaminated packaging should be emptied as far as you can, after appropriate cleaning is a recycling possible.

Uncleaned packaging must be disposed as the product itself.

Uncontaminated packaging can be disposed of a household waste.

**EWC waste code**

The allocation of waste identity number is according to EAK

070208 wastes from the manufacture, formulation, supply and use of plastics other still bottoms and reaction residues.

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**14 Transport information****Land transport ADR / RID**

UN-Nr.: 1247

**Hazard identification (Kemler)**

Name: aliphatic. Acrylates

**Inland waterway transport ADN / ADR**

UN-No.: 1247

ADN/R Class

Name: aliphatic. Acrylates

**Marine transport IMDG / GGV See**

UN-No.: 1247

Name: aliphatic. Acrylates

**Air transport ICAO-TI and IATA – DGR**

UN-No: 1247

Name: aliphatic Acrylates

**15 Regulatory****Labelling according to EC Directive**

The product is classified and labeled in accordance with EC directives/ordinance on hazardous materials

Code letter and hazard designation of product

**Phrases:**

R 36/37/38 Irritating to eyes, respiratory, skin  
R 20/21/22 Harmful by inhalation, swallowing and in contact with skin  
R 43 May cause sensitization by skin contact  
H 317 May cause an allergic skin reaction.  
H 319 Causes serious eye irritation.

**Safety Phrases:**

P 102 Keep out of reach of children  
S 24 Avoid Kontakt of skin  
S 26 By eye contact please rinse immediately with plenty of water  
Medical advice  
S 28 Wash the skin with plenty of water after contact of the skin  
S 37 Wear suitable protective gloves  
S 46 If swallowed, seek medical advice immediately

**Water hazard class**

WGK: 1 (self-assessment)

**Employment restrictions**

Not for juveniles, for expectant mothers and breastfeeding mothers

**16. Other information**

This safety data sheet was carefully compiled.

Our product is described best in terms of a required safe handling

Existing laws and regulations must be complied with by the user of our products on their ownership.

No liability can be accepted for the content.