

# Material Safety Date Sheet

## 1. Company Information

|                            |                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Company</b>             | A&M Partners, s.r.o.                                                                                      |
| <b>Address</b>             | Pstruhová 138/20, 010 01, Žilina- Mojšova Lúčka, Slovakia                                                 |
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| <b>Telephone</b>           | + 421 910 793 111                                                                                         |
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## 2. Product Information

Product Name :**Gel Lak Serie 16**

Identified uses and use advised: Used in manicure/ mainly used in nail adhesion and fixation

## 3. Hazards Identification

### Emergency overview:

Generally no harm to health after curing , as The curing UV Gel is a polymeric material and no ingredient is expected to be released under normal condition . Direct contact with the uncured liquid , the hazards are as following:

Classification of the substance or mixture

Skin irritation ( Category 2 )

Skin sensitization ( Category 1 )

Eye irritation ( Category 2A )

### GHS Label elements

Pictogram ( s )



**Signal word:** Warning

### Hazard statements :

H315 : Causes skin irritation

H317 : May cause an allergic skin reaction

H319 : Causes serious eye irritation

### Precautionary statements :

P261 : Avoid breathing dust / fume / gas / mist / vapour s / spray .

P264 : Wash thoroughly after handling .

P272 : Contaminated work clothing should not be allowed out of the workplace

P280 : Wear protective gloves / eye protection / face protection

Response Precautionary Statements

P302 + 352 : IF ON SKIN : Wash with soap and water

P333 + 313 : If skin irritation or a rash occurs : Get medical advice / attention

P362 : Take off contaminated clothing and wash before reuse

P305 + P351 + P338 : If in eyes : Rinse cautiously with water for several minutes . Remove contact lenses , if present and easy to do , continue rinsing

P337 + 313 : If eye irritation persists get medical advice / attention

**Storage Precautionary Statements**

None.

**Disposal Precautionary Statements :**

P501 : Dispose of contents and container in accordance with local /regional/ national/international regulations.

Description of any hazards not otherwise classified

No information available

## 4. Composition / Information on Ingredients

**Chemical Characterization**

Composition : Mixture , consist of the following components :

| INCI or Chemical Name           | CAS No      | Conc. % |
|---------------------------------|-------------|---------|
| POLYURETHANE-80                 | 139352-65-1 | 70%     |
| HYDROXYPROPYL METHACRYLATE      | 27813-02-1  | 18%     |
| HYDROXYCYCLOHEXYL PHENYL KETONE | 947-19-3    | 3.10%   |
| SILICA                          | 7631-86-9   | 3%      |
| DIMETHICONE                     | 9006-65-9   | 0.90%   |
| PIGMENT                         | N/A         | 4%      |
| SILVER                          | 7440-22-4   | 0.5%    |
| POLYETHYLENE TEREPHTHALATE      | 25038-59-9  | 0.5%    |

## 5. First-aid Measures

**Eye Contact :** Immediately flush eyes with plenty of water for at least 15 minutes , occasionally lifting the upper and lower eyelids . If irritation occurs and persists , contact a doctor .

**Skin Contact :** Remove contaminated clothing . Wash off with soap and plenty of water . If skin irritation or a rash occurs,contact a doctor.

**Inhalation :** Move victim to fresh air . Get medical attention if feel unwell

**Ingestion :** Never give anything by mouth to an unconscious person . Rinse mouth with water . Drink a cup of water . Consult a physician attention and get medical immediately

**Advice to doctor :** Show this safety data sheet to the doctor in attendance . Treat

symptomatically.

## 6. Fire-fighting Measures

**Flammability of the product:**Non-flammable

**Suitable Extinguishing Media :** Use water spray , alcohol-resistant foam , dry chemical or carbon dioxide.

**Unsuitable extinguishing media :** None known.

**Special hazards arising from the substance or mixture :** May polymerize upon heat Vapor is heavier than air . May move to low area . Decomposition products formed under fire conditions - Carbon oxides Nitrogen oxides , Phosphorous oxide etc.

**.Advice for firefighters :** Wear self-contained breathing apparatus and standard fire fighting equipment for firefighting if necessary . Use water spray to cool down unopened container involved in fire .

## 7. Accidental Release Measures

**Personal precautions , protective equipment and emergency procedures :** Remove all sources of ignition . Provide enough ventilation Use personal protective equipment . Avoid breathing vapour s , mist or gas . Avoid contact with skin and eyes

**Environmental precautions :** Prevent further leakage or spillage if safe to do so . Do not let product enter drains

**Methods and materials for containment and cleaning up :**

Contain spillage by inert material ( such as sand , diatomite ) or wipe up with towel Disposed as nonhazardous waste after curing according to section 13

## 8. Handling and Storage

**Handling**

**Advice on Safe Handling:**

Generally safe for direct contact with the curing product

When handing the uncured liquid . The following precautionary measures should be followed:

Use only in well-ventilated condition . Avoid inhalation of vapour or mist

Avoid contact with skin and eyes

Use suitable personal protective equipment

See section 2.2 for more precautions

**Storage**

**Requirements for Storage:**

Store in cool place . Keep container tightly closed in a dry and well-ventilated place . Polymerize upon light Keep container tightly closed to avoid light when not in use.

## 9. Exposure Controls / Personal Protection

**Exposure Limits :** Not established

**Engineering Controls :** Provide appropriate exhaust ventilation . Provide safe shower and eye wash fountain.

**Personal protective equipment:**

**Respiratory Protection :**

Generally normal ventilation is enough . Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination ( US ) or type ABEK ( EN 14387 ) respirator cartridges as a backup to engineering controls.

**Eyes Protection :** Not required under normal usage . Use equipment for eye protection if liquid in-eye risk exists.

**Body Protection :** Avoid skin exposure . If necessary , wear suit protecting against chemicals

**Hands Protection :** Avoid skin exposure . Handle with care In production , wear chemical-resistant gloves.

**Other Protections :** Handle in accordance with good industrial hygiene and safety practice . Wash hands before breaks and at the end of workday.

## 10. Physical and Chemical Properties

General Information

|                                 |                      |
|---------------------------------|----------------------|
| Form                            | Clear liquid         |
| Color                           | color                |
| Odor                            | tasteless            |
| pH                              | 7                    |
| Melting Point / Range           | N/A                  |
| Boiling Point / Range           | N/A                  |
| Percent Volatility              | N/A                  |
| Flash Point                     | N/A                  |
| Density                         | 1.05g/m <sup>3</sup> |
| Vapor Pressure                  | N/A                  |
| Vapor Density                   | N/A                  |
| :Evaporation Rate & Reference   | N/A                  |
| Solubility in Water             | Insoluble in water   |
| Explosion Limits in Air-upper   | N/A                  |
| Explosion Limits in Air - Lower | N/A                  |
| viscosity                       | 1000-1500 mPa.s      |

## 11. Stability and Reactivity

**Stability :** Stable under recommended condition .

**Hazardous reactions :** None hazardous reactions known

**Incompatibility ( Materials to Avoid ) :** Strong oxidizing materials

**Conditions to Avoid :** Keep away from open flames , hot surfaces , sources of ignition . Do not exposure to moisture and Light until used

**Hazardous Decomposition and or Combustion Products :** Other decomposition products-no data available. In the event of fire see section 5

## 12. Toxicological Information

**Acute toxicity:**

2-Propenoic acid,(5-ethyl-1,3-dioxan-5-yl)methyl ester: Ld50--oral-rat-5050mg/kg

Skin corrosion/irritation: Causes skin irritation.

**Serious eye damage/irritation:** Causes serious eye irritation.

**Respiratory sensitization:** No sensitizing effects known

**skin sensitization:** May cause an allergic skin reaction.

**Carcinogenicity:** No known significant effects or harm.

**Germ Cell Mutagenicity :** No known significant effects or harm.

**Reproductive Toxicity:** Diphenyl(2, 4,6-trimethylbenzoyl)phosphine oxide(CAS#75980-60-8):  
Suspected of damaging fertility or the unborn child.

**Stot-single Exposure:** No known significant effects or harm.

**Stot-repeated Exposure:** No known significant effects or harm.

**Aspiration Hazard:** No known significant effects or harm.

**Potential Health Effects:**

Generally no harm to health after curing, as the curing UV Gel is a polymeric material and no ingredient is expected to be released under normal condition Direct contact with the uncured liquid the hazards are as following.

**Inhalation:** May cause respiratory irritation if inhaling concentrated vapor

**Skin Contact:** May be harmful if absorbed by skin May cause an allergic skin reaction Causes skin.

**Eye Contact:** Causes serious eye irritation.

Ingestion: May be harmful if ingested

## 13. Ecological Information

**Ecotoxicity:** No data available.

**Bioaccumulative potential:** No data available

**Persistence and Degradability:** No data available.

**Results of PBT and VPVB assessment:** PBT: Not applicable. VPVB: Not applicable.

**Other adverse effects:** may be harmful to aquatic environment. Do not release to drains and water source without the permission of government.

## 14. Disposal Considerations

**Safe handling and methods of disposal**

Recycle if possible. Disposed as non- hazardous waste after curing. Observe all federal, state, and local environmental regulations .

## 15. Transport Information

ADR / RID Information

ADR-UN Number : Not classified for transport

ADR-class : Not classified for transport  
ADR-shipping Name : Not classified for transport  
ADRpacking Group : Not classified for transport

#### IATA/CAO Information

IATA-UN Number : Not classified for transport  
IATA-CLASS : Not classified for transport  
IATA-shipping Name : Not classified for transport  
IATA-LABEL : Nonelata-packing Group : Not classified for transport  
IATA-S . P . None  
IATA-ERG : None

#### IMO / IMDG Information

IMDG-MARINE Pollutant : No  
IMDG-UN Number : Not classified for transport  
IMDG-CLASS : Not classified for transport  
IMDG-shipping Name : Not classified for transport  
IMDG-packing group : Not classified for transport  
IMDG-storage Category : Not classified for transport

## 16. Regulatory Information

### International Regulations

#### EU Regulations

Classification according to 67 / 548 / EEC or 1999 / 45 / EC

R36 / 38 : Irritating to eyes and skin

R43 : May cause sensitization by skin contact.

#### Classification according to Regulation ( EC ) No 1272 / 2008 [ EU-GHS / CLP]

Skin irritation ( Category 2 )

Skin sensitization ( Category 1 )

Eye irritation ( Category 2A )

#### US Regulations

**TSCA** : All of components are listed on the TSCA inventory

**OSHA** : None of the components in this product are considered highly hazardous by OSHA

#### Canadian Regulations

**DSL / NDSL Status** : All components of this product are on the Canadian DSL list

## 17. Other Information

**Abbreviations** : pH-Relates to hydrogen ion concentration-this value will relate to a scale of 0-14where 0 is highly acidic and 14 is highly alkaline.

OSHA - Occupational Safety and Health Administration.

NTP - National Toxicology Program.

IARC - International Agency for Research on Cancer.

CAS # -chemical Abstract Service number-used to uniquely identify chemical compounds.

ACGIH - THE American Conference of Governmental Industrial Hygienists.

ADR - agreement on Dangerous Goods by Road.

RID-regulations Concerning the International Carriage of Dangerous Goods by Rail.

ICAO -International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods

IMO-international Marine Organization.

**Further Information :**

This safety data sheet was prepared in accordance with UN GHS Rev . 6 , The EU CLP REGULATION( EC ) No 1272 / 2008 , and ANSI Z400 . 1'

This information is based on our present knowledge . However , this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship .