

SAFETY DATA SHEET
ACRYLIC LIQUID

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Acrylic Liquid
Use of substance / mixture: Acrylic Liquid. For professional use only. To be mixed with appropriate acrylic polymer in the manufacture of artificial nail extensions. PC39: Cosmetics, personal care products.

Details of the supplier:

Company name: **PNP (Professional Nail Products)**
Distributed in the UK by LashBase Limited, Waterlooville PO7 7XN U.K.

Tel : +44 (0) 2392 251425
Email : sales@lashbase.co.uk

National Poison Centre Netherlands tel: +31 (0)30 - 2748888



'Only for the purpose of informing medical personnel in cases of acute intoxications'.


SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

| | |
|---------------------------------------|---|
| Classification under CHIP | F: R11; Xn: R20/21/22; Xn: R33; Xi: R36/37/38; Sens.: R43; -: R52/53 |
| 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. Harmful by inhalation, in contact with skin and if swallowed. Danger of cumulative effects. Irritating to eyes, respiratory system and skin. May cause sensation by skin contact. Harmful to aquatic organisms, may cause long-term adverse affects in the aquatic environment. |

2.2. Label elements

| | |
|---------------------------------|--|
| Label elements under CLP | |
| 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. |
| Signal words | Danger |
| Hazard pictograms | GHS02: Flame GHS07: Exclamation mark   |

| | |
|----------------------------------|---|
| Precautionary statements | P280: Wear. P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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 on this label). P370+378: In case of fire: Use for extinction. |
| Label elements under CHIP | |
| Hazard symbols | Highly flammable. Harmful.  |
| Risk phrases | R11: Highly flammable. R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R33: Danger of cumulative effects. R36/37/38: Irritating to eyes, respiratory system and skin. R43: May cause sensitisation by skin contact. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Safety phrases | S36/37: Wear suitable protective clothing and gloves. S43: In case of fire, use carbon dioxide. S23: Do not breathe vapour. S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition-No smoking. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33: Take precautionary measures against static discharges. S57: Use appropriate container to avoid environmental contamination. |

2.3 Other hazards

| | |
|----------------------|--|
| Other hazards | In use, may from flammable/explosive vapour-air mixture. |
| PBT | This substance is not identified as a PBT substance. |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

ETHYL METHACRYLATE

| EINECS | CAS | CHIP Classification | CLP Classification | Percent |
|-----------|---------|-----------------------------------|--|---------|
| 202-597-5 | 97-63-2 | F: R11; Xi: R36/37/38; Sens.: R43 | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317 | >75% |

HYDROXYPROPYL METHACRYLATE

| | | | | |
|-----------|------------|---------------------|--|--------|
| 248-666-3 | 27813-02-1 | Xi: R36; Sens.: R43 | Eye Irrit. 2: H319; Skin Sens. 1: H317 | 10-25% |
|-----------|------------|---------------------|--|--------|

TETRA ETHYLENE GLYCOL DIMETHACRYLATE

| | | | | |
|---|----------|--------------------------|---|------|
| - | 109-17-1 | Xi: R36/37/38; Sens.: 43 | - | 1-5% |
|---|----------|--------------------------|---|------|

GLYCERYL DIMETHACRYLATE

| | | | | |
|-----------|-----------|--------------|---|------|
| 217-388-4 | 1830-78-0 | Xi R36/37/38 | - | 1-5% |
|-----------|-----------|--------------|---|------|

N,N-DIMETHYL-P-TOLUIDINE

| | | | | |
|-----------|---------|--------------------------------|--|--------|
| 202-805-4 | 99-97-8 | T: R23/24/25; Xn: R33; -R52/53 | Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412 | 0.1-1% |
|-----------|---------|--------------------------------|--|--------|

Non-hazardous ingredients

HYDROQUINONE MONOMETHYLETHER

| | | | | |
|-----------|----------|------------------------------|---|-------|
| 205-769-8 | 150-76-5 | Xn: R22; Xi: R36; Sens.: R43 | Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Sens. 1: H317 | <0.1% |
|-----------|----------|------------------------------|---|-------|

Contains: Acrylic Ester (Xi; R36) 1-10%
Stabiliser EC No 410-560-1 / 203-539-1
CONTAINS Colour CI 60725

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

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|-------------------------|--|
| 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 unauthorized 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, labeled 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 | Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. |
|---------------------------|--|

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 |
| UK | 250 mg/m ³ | - | - | - |

8.1. DNEL/PNEC Values

| | |
|---------------------|--------------------|
| DNEL / PNEC. | No data available. |
|---------------------|--------------------|

8.2. Exposure controls

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| | |
|-------------------------------|--|
| 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 | Dark purple |
| Odour | Characteristic odour |
| Evaporation rate | Fast |
| Solubility in water | Slightly soluble |
| Viscosity | Non-viscous |
| Boiling point/range°C | 200 |
| Flash point°C | 16.0 |
| Vapour pressure | 26.2 mm Hg at 23c |
| Relative density | 0.96 |

9.2. Other information

| | |
|--------------------------|--------------------|
| Other information | No data available. |
|--------------------------|--------------------|

Other information:

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. |
|----------------------------|---|

10.4. Conditions to avoid

| | |
|----------------------------|--|
| Conditions to avoid | Heat. Hot surface. Source of ignition. Flames. |
|----------------------------|--|

10.5. Incompatible materials

| | |
|---------------------------|--|
| Materials to avoid | Strong oxidizing agents. Strong acids. |
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10.6. Hazardous decomposition products

| | |
|---|---------------------------------|
| Hazardous decomposition products | In combustion emits toxic fumes |
|---|---------------------------------|

10.7. Hazardous Polymerization

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Hazardous ingredients

ETHYL METHACRYLATE

| | |
|---------------------|--------------------|
| Ecotoxicity values. | No data available. |
|---------------------|--------------------|

HYDROXY PROPYL METHACRYLATE

| | |
|---------------------|--------------------|
| Ecotoxicity values. | No data available. |
|---------------------|--------------------|

N,N-DIMETHYL-P-TOLUIDINE

| | |
|---------------------|--------------------|
| Ecotoxicity values. | No data available. |
|---------------------|--------------------|

Relevant hazards for substance

| Effect | Route | Basis |
|--------------------------|-------------|-----------------------|
| Acute toxicity (harmful) | INH DRM ING | Hazardous: calculated |
| Irritation | OPT INH DRM | Hazardous: calculated |
| Sensitisation | DRM | Hazardous: calculated |
| Repeated dose toxicity | - | 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 or 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

| | |
|--------------------|--------------------|
| Ecotoxicity values | 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 substance is not identified as a PBT 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 specialized 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 | UN 1993 |
|------------------|---------|

14.2. UN proper shipping name

| | |
|----------------------|---|
| 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 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

15.2. Chemical Safety Assessment

| | |
|-----------------------------------|---|
| Chemical safety assessment | A chemical safety assessment has not been carried out for the substance or the mixture by the supplier. |
|-----------------------------------|---|

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 3 | <p>H225: Highly flammable liquid and vapour. H301: Toxic if swallowed. H302: Harmful 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.</p> <p>R11: Highly flammable. R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R22: Harmful if swallowed. R23/24/25: Toxic by inhalation, in contact with skin and if swallowed. R33: Danger of cumulative effects. R36/37/38: Irritating to eyes, respiratory system and skin. R36: Irritating to eyes. R43: May cause sensitisation by skin contact. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> |
| Legal disclaimer | <p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.</p> <p>This company shall not be held liable for any damage resulting from handling or from contact with the above product.</p> |

| | |
|-------------------|---|
| Disclaimer | <p>The information is based on our current knowledge to date and is intended to describe the product with regard to safety precaution to be taken. It does not constitute an assurance of properties in the legal sense. Therefore, LashBase Limited makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions may not be adequate for all individuals. It is the user's obligation to make certain that this safety data sheet is the most current for product to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. LashBase Limited assumes no responsibility for injury from the use of the product described in a way different from that provided in the label direction.</p> |
|-------------------|---|