Safety Data Sheet:
Primer Pen

## 1. Identification Of Substance and Company Details:

Product Name: Primerstift, schnelltrocknend, mit Methacrylsäure
Product Code: 1103
Product Use: Preparation to improve the bond to the natural nail
Company Details:

Finger Fashion Nailcare e.K.

Moltkestr. 11
66333
Völklingen
Germany
T: +49 6898 44820 0
F: +49 6898 44820 10

E-mail: info@finger-fashion.de

## 2. Hazards Identification:

The material can cause permanent damage to the eyes,
Skin damage may occur and absorption through the skin can be harmful
Inhalation of the vapour or mist can cause irritation of the respiratory tract, with the possibility of burns causing permanent damage.
May be harmful if swallowed, possibly causing permanent damage to the throat, mouth and stomach. Repeated doses at high levels may cause kidney damage
This material is not known to be carcinogenic

## 3. Composition:

Hazardous ingredients:

| Substance | % Wt. | CAS No. | EC No. |
|---|---|---|---|
| Methacrylic Acid | 60-100% | 79-41-4 | N/L |
| Ester Adducts | 0.0-2.0% | N/A | N/A |

## 4. First Aid Measures:

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| INHALATION: | Remove to fresh air. Seek immediate medical attention |
| EYE CONTACT: | If product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Seek immediate medical attention. |
| SKIN CONTACT: | IMMEDIATELY get under a safety shower. Remove contaminated clothing. Wash with soap and water. Seek immediate medical attention. |
| INGESTION: | If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Seek immediate medical attention. *NOTE: This is a corrosive material. Do not administer any other first aid before obtaining the advice of a physician.* |
| Notes to medical personnel: | This material will have corrosive effects in which case it may not be advisable to induce vomiting. Acute effects can include; mucosal damage and severe laryngeal oedema associated with corrosive agents. |

## 5. Fire Fighting Measures:

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| Extinguishers: | Dry Powder<br>Foam<br>Carbon Dioxide<br>Water Fog to cool containers |

DO NOT USE WATER HOSE OR JET

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| DECOMPOSITION: | Polymerisation is highly exothermic and may produce sufficient heat to cause thermal decomposition and/or rupture of the container. Toxic and irritant fumes are produced in fire (CO, $CO_2$, nitrogen oxides). |

## 6. Accidental Release Measures:

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| Exposure: | Evacuate the area and ensure adequate ventilation, do not allow untrained personnel into the contaminated area. |
| PPE: | Wear suitable respiratory protection for large spillages and in confined spaces,<br>Wear suitable protective clothing.<br>Wear gloves.<br>Wear chemically resistant overalls and boots.<br>Wear eye protection such as goggles. |
| Disposal: | Bund off or isolate using spill kit for larger spills.<br>Use either preparatory absorbent granules or sand to soak up spilled material.<br>Transfer to suitable lidded container.<br>Dispose of in accordance with local legal requirements.<br>Use Non Sparking tools. |

## 7. Handling and Storage:

Handling: Avoid skin and eye contact. Avoid inhalation of vapour - ensure adequate ventilation.
Wear gloves.
Wear eye protection(as detailed above)
If handling high quantites, wear suitable protective clothing,
Do not use in proximity to heat or sources of ignition.
Do not eat drink or smoke in the application work area.

Storage: Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Keep container closed after each use. Ground and bond all containers when transferring. Check inhibitor levels periodically, adding to the bulk material if needed. Maintain at a minimum, the original headspace in the product container and do not blanket or mix with oxygen-free gas as it renders the product ineffective. Storage temperatures, 18 – 40 C

## 8. Personal Protection Exposure controls (where required):

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| Engineering Measures: | Ensure there is sufficient ventilation of the areas involved, Ensure lighting and electrical sources cannot be sources of ignition. |
| Respiratory Protection: | A respirator should be worn whenever workplace conditions warrant a respirators use. |
| Hand Protection | Chemical-resistant gloves should be worn whenever this material is handled. Butyl rubber or Neoprene gloves may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. |
| Eye Protection | Depending on the use of this product, splash or safety glasses may be worn. If necessary, refer to appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. |
| Skin Protection | Wear chemical resistant apron and/or boots for protecting against chemicals as appropriate. If necessary, refer to appropriate governing standards. An eyewash station and a safety shower are recommended. |

## 9. Physical and Chemical Properties:

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| State: | Liquid |
| Colour: | Clear |
| Odour: | Pungent odour |
| Evaporation rate: | <1 |
| Solubility in water: | Completely soluble |
| Viscosity: | 1.300mPa.s at 25 °C |
| Boiling point/range°C: | >162 °C |
| Flash point°C: | 67 °C |
| Vapour pressure: | 1.293mm Hg at 25 °C |

## 10. Stability and Reactivity:

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| Stability: | Stable under normal conditions at room temperature. Will become unstable/reactive upon depletion of inhibitor. |
| Conditions to avoid: | High temperatures, localized heat sources (example drum or band heaters) oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing. |
| Materials to avoid: | Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers. |
| Haz. decomp. products: | Combustion/exothermic polymerisation will generate oxides of carbon, acrid smoke and irritating fumes. |

## 11. Toxicology:

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| Acute Effects: | Harmful by inhalation, in contact with the skin and if swallowed, irritating to the eyes, respiratory system and skin. May cause permanent burn damage. |
| Sensitisation: | Not classes as sensitising, can be severely irritating to eyes, and irritating to the skin and respiratory tract. May also cause permanent burn damage. |
| Repeated dose toxicity: | No known danger of cumulative effects. |

## 12. Ecology:

Not classed as hazardous to the environment,very high mobility, biodegradable, and is a low bioaccumulation risk.

## 13. Disposal:

Dispose of in accordance with all local legislation, likely to be treated as special waste. Use only an approved disposal contractor

## 14. Transport:

### 14 a. ADR / RID:

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| UN No' | 2531 |
| ADR Class | 8 |
| Packing Group | 2 |
| Classification Code | C3 |
| Shipping Name: | Methacrylic Acid, Stabilized(2-methylpropenoic acid; ethyl acetate; Ethyl Methyl Ketone) |
| Hazard ID No' | 89 |
| Labelling | 8 |


### 14 b. IMDG / IMO:

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|---|---|
| UN No | 2531 |
| Class | 8 |
| Packing Group | 2 |
| EmS | F-A,S-B |
| Labelling | 8 |

### 14 c. IATA / ICAO:

Not classed as hazardous for transport.

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|---|---|
| UN No' | 2531 |
| Class | 8 |
| Packing Group | 2 |
| Packing instructions | 808 (P&CA); 812(CAO) |
| Labelling | 8 |

## 15. Regulatory Information (CHIP):

Hazard symbols:Corrosive


Risk phrases:

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R34 - Causes burns.
R36/37/38 – Irritating to eyes, respiratory system and skin.
R41 - Risk of serious damage to the eyes.
R43 – May cause sensitization by skin contact

Safety phrases:

S2 – Keep out of reach of children
S3 – Keep in a cool place.
S7 – Keep container tightly closed.
S9 – Keep container in a well-ventilated place.
S16 – Keep away from sources of ignition – No Smoking.
S20/21 – When using do not eat or drink or smoke.
S24/25 - Avoid contact with skin and eyes.
S29 – Do not empty into drains.
S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.
S38 - In case of insufficient ventilation, wear suitable respiratory equipment.

## 16. Additional Information:

Note:
The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions

Legal Disclaimer:

All of the above information is based on our most recent knowledge of the material at the time of issue of this SDS, it does not purport to be all inclusive and must only be used as a guide. This company shall not be held liable for any damages resulting form the handling or contact with the material specified above. There is no implication of warranty to be implied with respect to the quality and, or, the specification of the product.