SAFETY DATA SHEET

024-17

Primer Pen

Revision Date: 31.05.17

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

1.1. Product identifier

Product name: Acid-Free Nail Primer
Product code: Primer Pen

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: For the preparation of the nail prior to the application of gel or acrylic overlays to aid bonding and adhesion

1.3. Details of the supplier of the safety data sheet

Company name: Chintys Ltd,
Unit 7 Bryson Industrial Estate,
Bryson Street,
Falkirk,
FK2 7BT
Email: Chintysltd@gmail.com

Section 2: Hazards identification

2.1. Classification of the substance or mixture:

Hazard Class –Physical, Health, Environmental	Category
Flammable Liquid	4
Oral Toxicity	Acute Tox. 4
Dermal Toxicity	Acute Tox. 4
Skin Corrosion / Irritation	1A
Eye Damage / Irritation	1

Label Elements - Pictograms, Signal word, Hazard Statement, Precautionary Statements and Supplemental Information.

Signal Word : Danger

Hazard Statements:

H227	Combustible Liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe burns and eye damage
H318	Causes serious eye damage

Precautionary Statements Prevention, Response and Disposal.

P210	Keep away from heat, sparks, open flames, hot surfaces – No smoking.	P301&302	If SWALLLOWED:call a poison centre or doctor / physician, if you feel unwell.
P235	Keep cool	P301&P330 P331	If SWALLOWED: Rinse mouth, DO NOT induce vomiting.
P240	Ground and bond containers and receiving equipment	P302 & P352	IF ON SKIN: wash with soap and water
P260	Do not breathe dust/fume/gas/mist/vapours/ spray	P303&P361 P353	IF ON SKIN (or hair):Remove / take off immediately all contaminated clothing. Rinse skin with water / shower
P264	Wash hands and exposed skin thoroughly after use	P304&P340	If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P280	Wear protective gloves/protective clothing/eye protection/face protection	P305&P351 &P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing.
P310	Immediately call a poison centre or doctor / physician	P370&P378	In case of fire: use CO2 for extinction
P312	Call a poison centre or doctor / physician if you feel unwell	P405	Store locked up
P321	Specific Treatment (See... on this label)	P403&P235	Store in a well ventilated place. Keep cool
P322	Specific measures (See... on this label)	P501	Dispose of contents / container to an authorised disposal facility
P330	Rinse Mouth		
P363	Wash contaminated clothing before use.		

Section 3: Composition/information on ingredients:

Hazardous Components:	CAS:	Weight-%:	GHS RATINGS:
Methacrylic Acid	79-41-4	90-100	Oral toxicity – 4 Dermal Toxicity – 4 Skin Corrosion/Irritation1A (H314)

Section 4: First aid measures

General Advice:
Provide the SDS to medical /emergency personnel for treatment

Inhalation:
Remove victim to fresh air. Seek immediate medical attention

Eye contact:
If product gets in the eyes, flush with lukewarm water for at least 15 minutes, if irritation occurs, contact a physician.

Skin Contact:
Rinse thoroughly with lukewarm water, followed by thorough washing of the affected area with soap and water. If irritation redness or swelling persists, contact a doctor / physician immediately

Clothing:
Remove contaminated clothing, wash thoroughly before re-use.

Ingestion:
If ingested, do not induce vomiting. If product has been swallowed drink plenty or water or milk IMMEDIATELY. If the patient is vomiting, continue to offer milk or water. 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. Get medical attention immediately.

Section 5: Fire-fighting measures:

Suitable Extinguishing Media:
Water Spray or water stream may not be effective

Specific Hazards arising from the chemical:
High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidisers may cause spontaneous polymerising reaction generating heat / pressure, Closed containers may rupture or explode during a runaway polymerisation. This product is a flammable liquid. Vapours of this liquid are heavier than air and may travel to a source of ignition and flash back to a leaking open container. Vapour forms an explosive mixture with air.

Hazardous Combustion Products:
Acrid smoke-fumes/ carbon monoxide/ carbon dioxide and perhaps, other toxic vapours may be released during a fire involving this product.

Special fire fighting procedures :
Use a water spray or fog to reduce or direct vapours, and keep containers cool, water may not be effective in actually extinguishing a fire involving this product. Do not enter fire area without proper protection. Fight fire from a safe location. Structural fire-fighters must wear SCBAs and full protective equipment. Heat/impurities may cause pressure to build and / or rupture closed containers, spreading fire, increasing risk of burns / injuries.

Protective Equipment and Precautions for fire-fighters:
Wear self contained breathing apparatus for fire fighting if necessary; do not enter fire area without proper protection. Fight fire from a safe distance / protected location. Heat/impurities may increase temperature / build pressure / rupture closed containers, spreading fire, increasing the risk of burns/ injuries. Use water spray to cool unopened containers. Pressure relief system may plug with solids creating risk of overpressure

Section 6: Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:
Before cleaning any spill or leak, individuals must wear appropriate Personal Protective Equipment that is specified in S8. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

Environmental Precautions:
Extinguish all ignition sources. Keep spills and cleaning runoff out of municipal sewers and open bodies of water, May contaminate water supplies / be harmful to aquatic organisms. May cause long term, adverse effects in the aquatic environment. US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.

Methods and Material for Containment and Cleaning up:
Methods for containment.
Prevent further leakage or spillage if it safe to do so. Dike and contain spill with inert material (e.g. sand or earth). May contaminate water supplies.

Methods for cleaning up:
Maximise ventilation (open doors and windows) and secure all sources of ignition. Use good local ventilation with a minimum capture velocity of 100ft/min (30m/min) at point of product release. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all areas affected with plenty of warm water and soap.

Section 7: Handling and storage:

Precautions for Safe Handling:

Advice on safe handling
Keep away from heat, sparks and flame. Keep container closed after each use. Do not use localised heat source such as band heaters to heat/melt product. DO NOT use steam. Hot boxes or hot rooms are recommended for heating the product which can be set at a maximum of 60°C / 140°F. Avoid contact with the skin, clothing and eyes. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat drink or smoke whilst handling the product. Observe precautions found on label. Keep away from heat, sparks and flame. Keep container closed after each use. Ground and bond all containers when

transferring. Refer to section 8 for suggested exposure controls and personal protection. Observe precautions on label.

Conditions for Safe Storage including any incompatabilities:

Storage Conditions:
Store containers in a cool dry location, away from direct sunlight, heat, sparks other light sources or sources of intense heat. Store in accordance with National Fire Protection Association recommendations. Check inhibitor levels periodically adding to the bulk material if needed. Maintain at a minimum, the original two inch headspace in the product container and do not blanket or mix with oxygen free gas, as it renders the inhibitor ineffective. Vapours are uninhibited and may form polymers in vets or flame arrestors, resulting in the blockage of vents product residue may remain in empty containers. Observe all label precautions until the container is cleaned, reconditioned or destroyed.

Incompatible materials:
Strong Oxidisers, Strong reducers, free radical initiators, inert gases or oxygen scavengers.

Section 8: Exposure controls/personal protection:

8.1 Control Parameters Precautions for Safe Handling:

Hazardous Ingredients:

ETHYL ACETATE

	Workplace exposure limits:		**Respirable Dust:**	
State	8 hour TWA	15 min. STEL	8 Hour TWA	15 min'STEL
UK	200 ppm	400 ppm	---	---

ACETONE

UK	1210 mg/m3	3620 mg/m3	---	---

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: Protective gloves.

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

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

State: Liquid
Colour: Colourless
Odour: Characteristic odour
Evaporation rate: Fast
Viscosity: Non-viscous
Flash point°C: -4

9.2. 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.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. 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 ACETATE

ORL	MUS	LD50	4100	Mg/kg
ORL	RAT	LD50	5620	Mg/kg
SCU	RAT	LDLO	5	Gm/kg

ACETONE

IVN	RAT	LD50	5500	Mg/kg
ORL	MUS	LD50	3000	Mg/kg
ORL	RAT	LD50	5800	Mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage / irritation	OPT	Hazardous: calculated
STOT- single exposure	---	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.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ACETONE

BLUEGILL (Lepomis macrochirus)	LC50	8300	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: Negligible ecotoxicity.

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

14.1. UN number:	**UN number:** UN1993
14.2. UN proper shipping name:	**Shipping name:** FLAMMABLE LIQUID, N.O.S. (ETHYL ACETATE, ACETONE, DHPA 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:

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 s.3:

EUH066: Repeated exposure may cause skin dryness or cracking.
H225: Highly flammable liquid and vapour.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
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.