

Polish Pro Base

NSI-301


Xi : Irritant



F : Highly flammable

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name : Polish Pro Base
Identification of the product : Viscous liquid.
Type of product : Coating.
Use : For professional use only.
Company identification : NAIL SYSTEMS INTERNATIONAL
 2 Union Hill Road
 W. Conshohocken, PA 19428 UNITED STATES
 Tel. (610) 825-1524
Emergency phone nr : Infotrac (800) 535-5053 - Outside USA (352) 323-3500

2 HAZARDS IDENTIFICATION

Risk Phrases : R11 : Highly flammable. - R36/37/38 : Irritating to eyes, respiratory system and skin. - R43 : May cause sensitization by skin contact. - R67 : Vapours may cause drowsiness and dizziness.
Dangerous product : This product is flammable. In use, may form flammable/explosive vapour-air mixture.
Environmental hazard : May cause long-term adverse effects in the aquatic environment.
 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Primary route of exposure : Skin contact.
 Inhalation.
Symptoms relating to use
 - Inhalation : Symptoms of overexposure to vapours include drowsiness, weakness, headache, dizziness, nausea, vomiting, dimming of vision.
 - Skin contact : Repeated or prolonged skin contact may cause irritation.
 - Eye contact : Burning sensation.
 Blurred vision.
 Redness, pain.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Di-HEMA Trimethylhexyl Dicarboxylate*	> 35 < 45	EXEMPT	N/E	-----	Xi; R36/37/38 R43
BUTYL ACETATE	> 20 < 25	123-86-4	204-658-1	607-025-00-1	R10 R66 R67
HEMA	> 5 < 10	868-77-9	212-782-2	607-124-00-X	Xi; R36/38 R43
Cellulose Acetate Propionate	> 5 < 10	9004-39-1	-----	-----	

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3 COMPOSITION/INFORMATION ON INGREDIENTS (continued)

Substance name	Contents	CAS No	EC No	Annex No	Classification
Hydroxypropyl Methacrylate	: > 5 < 10	27813-02-1	248-666-3	-----	Xi; R36/37/38 R43
MEK	: > 1 < 5	78-93-3	201-159-0	606-002-00-3	F; R11 R66 R67 Xi; R36
HEMA	: > 1 < 4	7534-94-3	231-403-1	-----	Xi; R36/37/38
Isopropyl Alcohol	: > 1 < 3	67-63-0	200-661-7	603-117-00-0	F; R11 R67 Xi; R36
HYDROXYCYCLOHEXYL PHENYL KETONE	: > < 1	947-19-3	213-426-9	-----	Xi; R36
CI 60725 / Violet 2	: > < 0.5	81-48-1	201-353-5	-----	

* NSI gels are composed of a mixture of Urethane Acrylate Oligomers. The DiHEMA Trimethylhexyl Dicarbomate is the INCI designation for Urethane Dimethacrylate, which is the substantial equivalent of this mixture.

4 FIRST AID MEASURES

First aid measures

- Inhalation : Assure fresh air breathing.
If you feel unwell, seek medical advice (show the label where possible).
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
Rinse immediately with plenty of water.
- Eye contact : Obtain medical attention if pain, blinking, tears or redness persist.
Rinse immediately with plenty of water.
- Ingestion : Seek medical advice (show the label where possible).
Rinse mouth.

5 FIRE-FIGHTING MEASURES

- Flammable class : This product is flammable.
- Specific hazards : May form flammable/explosive vapour-air mixture.
- Prevention : No naked lights. No smoking.
- Extinguishing media : Powder. Sand. Carbon dioxide. Water.
- Surrounding fires : Use water spray or fog for cooling exposed containers.
- Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures : Exercise caution when fighting any chemical fire.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Evacuate and limit access.
No naked lights. No smoking.
Respiratory protection equipment may be necessary.
Equip cleanup crew with proper protection.
- General precautions : Remove ignition sources.
- Environmental precautions : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.

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6 ACCIDENTAL RELEASE MEASURES (continued)

Clean up methods : Clean up any spills as soon as possible, using an absorbent material to collect it.
Use suitable disposal containers.
Dispose in a safe manner in accordance with local/national regulations.

7 HANDLING AND STORAGE

General : No naked lights. No smoking.
No naked lights. No smoking. Store and handle as though always a serious potential fire/explosion and health hazard exists.

Precautions in handling and storage : Avoid all unnecessary exposure.
Good ventilation of the workplace required.
In use, may form flammable vapour-air mixture.

Technical protective measures : Either local exhaust or general room ventilation is usually required.
Use only non-sparking tools.
Provide proper grounding.
Proper grounding procedures to avoid static electricity should be followed.

Storage : Keep away from sources of ignition.
Keep in fireproof place.
Keep container closed when not in use.
Keep only in the original container in a cool, well ventilated place.

Storage - away from Handling : Heat sources. Heat sources. Direct sunlight.
: Ensure prompt removal from eyes, skin and clothing.
Keep away from food, drink and animal feeding stuffs.
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.
Handle in accordance with good industrial hygiene and safety procedures.
Handle empty containers with care because residual vapours are flammable.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection

- **Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.
- **Skin protection** : Wear gloves.
- **Eye protection** : Goggles.
- **Ingestion** : When using, do not eat, drink or smoke.

Industrial hygiene : Provide good ventilation in process area to prevent formation of vapour.

Occupational Exposure Limits : Butanone : ILV (EU) - 8 H - [mg/m³] : 600
Butanone : ILV (EU) - 8 H - [ppm] : 200
Butanone : ILV (EU) - 15 min - [mg/m³] : 900
Butanone : ILV (EU) - 15 min - [ppm] : 300

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Viscous liquid.

Physical properties (ingredients) : See Heading : Information on ingredients.



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10 STABILITY AND REACTIVITY

- Stability and reactivity** : Stable under normal conditions.
- Hazardous decomposition products** : According to process conditions, hazardous decomposition products may be generated. May release flammable gases.
- Hazardous reactions** : None under normal conditions.
- Hazardous properties** : Vapour mixes readily with air.
May form flammable/explosive vapour-air mixture.
- Conditions to avoid** : Freezing.
Direct sunlight.
Sparks.
Open flame.
Overheating. Open flame. Overheating. Direct sunlight.

11 TOXICOLOGICAL INFORMATION

- Toxicity information** : Irritating to eyes and skin.
- Sensitization** : This product contains small amounts of an ingredient which has been reported to cause skin sensitization reactions in humans.

12 ECOLOGICAL INFORMATION

- Ecological effects information** : No data available.

13 DISPOSAL CONSIDERATIONS

- General** : Hazardous waste.
Avoid release to the environment.
Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

- Proper shipping name** : UN1993 Flammable Liquid, N.O.S. 3, II
- UN No.** : 1993
- ADR/RID** : Group: II
Class 3
- Labelling ADR** : F : Highly flammable
Xi : Irritant

15 REGULATORY INFORMATION

- Symbol(s)** : Xi : Irritant
F : Highly flammable
- R Phrase(s)** : R11 : Highly flammable.
R36/37/38 : Irritating to eyes, respiratory system and skin.
R43 : May cause sensitization by skin contact.
R67 : Vapours may cause drowsiness and dizziness.
- S Phrase(s)** : S3 : Keep in a cool place.
S16 : Keep away from sources of ignition - No smoking.
S24 : Avoid contact with skin.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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15 REGULATORY INFORMATION (continued)

S35 : This material and its container must be disposed of in a safe way.

S36/37 : Wear suitable protective clothing and gloves.

S43 : In case of fire, use .

S51 : Use only in well-ventilated areas.

S59 : Refer to manufacturer/supplier for information on recovery/recycling.

The contents and format of this SDS are in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

For EU Regulatory Inquiries please contact:

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