

Perma Gloss

NSI-108


Xi : Irritant

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

Trade name : Perma Gloss
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 : Irritating to eyes, respiratory system and skin.
 May cause sensitization by skin contact.
Primary route of exposure : Skin and eyes contact. Inhalation of dust.
Symptoms relating to use
 - **Inhalation** : May cause irritation to the respiratory tract and to other mucous membranes.
 Cough. Shortness of breath.
 - **Skin contact** : May produce skin irritation.
 - **Eye contact** : Pain. Redness. Tears.
 - **Ingestion** : Not expected to present a significant ingestion hazard under anticipated conditions
 of normal use. Must not come into contact with food or be consumed.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Classification
Di-HEMA Trimethylhexyl Dicarboxylate*	> 75 < 90	EXEMPT	N/E	----	Xi; R36/37/38 R43
Isopropylidenediphenyl Bisoxhydroxypropyl Methacrylate	> 5 < 10	1565-94-2	216-367-7	----	Xi; R41
Glycerol Propoxylate Triacrylate	> 3 < 5	52408-84-1	500-114-5	----	Xi; R36/37/38
Triethyleneglycol Dimethacrylate	> 3 < 5	109-16-0	203-652-6	----	
Benzoyl Isopropanol	> 1 < 3	7473-98-5	231-272-0	----	
Triethyleneglycol Divinyl Ether	> 1 < 3	765-12-8	----	----	
CI 60725 / Violet 2	< 0.1	81-48-1	201-353-5	----	

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

Perma Gloss**NSI-108****4 FIRST AID MEASURES****First aid measures**

- **Inhalation** : Assure fresh air breathing.
If you feel unwell, seek medical advice.
- **Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, tears or redness persist.
- **Ingestion** : Rinse mouth. Obtain medical attention. If possible show this sheet, if not available show packaging or label.

5 FIRE-FIGHTING MEASURES

- Flammable class** : The product is not flammable.
- Specific hazards** : Under fire conditions, hazardous fumes will be present. NOx, NH3, SOx
- Extinguishing media** : All extinguishing media can be used.
- 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** : Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary.
- Environmental precautions** : Prevent entry to sewers and public waters.
- Clean up methods** : Sweep up dry powder and dispose properly. Dilute residues and flush.

7 HANDLING AND STORAGE

- Precautions in handling and storage** : Avoid all unnecessary exposure.
- Technical protective measures** : Both local exhaust and general room ventilation are usually required.
- Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
- Handling** : 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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal protection**
- **Respiratory protection** : In case of insufficient ventilation, wear suitable respiratory equipment.
- **Hand protection** : Gloves.
- **Skin protection** : No special protection required where adequate ventilation is maintained.
- **Eye protection** : Goggles.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapour or dust mixtures.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C	: Liquid.
Colour	: Clear.
Odour	: Resin.
pH value	: No data available.
Boiling point [°C]	: > 150
Vapour pressure mm/Hg	: < 0.001
Solubility in water	: Insoluble.
Flash point [°C]	: > 93.3

10 STABILITY AND REACTIVITY

Hazardous decomposition products	: According to process conditions, hazardous decomposition products may be generated.
Hazardous reactions	: None under normal conditions.
Hazardous properties	: None under normal conditions.

11 TOXICOLOGICAL INFORMATION

Toxicity information	: Irritating to eyes, respiratory system and skin.
Sensitization	: May cause sensitization by skin contact.

12 ECOLOGICAL INFORMATION

Ecological effects information	: No data available.
LC50-96 Hour - fish [mg/l]	: No data available.

13 DISPOSAL CONSIDERATIONS

General	: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.
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14 TRANSPORT INFORMATION

General information	: Not regulated.
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15 REGULATORY INFORMATION

Symbol(s)	: Xi : Irritant
R Phrase(s)	: R36/37/38 : Irritating to eyes, respiratory system and skin. R43 : May cause sensitization by skin contact.
S Phrase(s)	: S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37 : Wear suitable protective clothing and gloves. S51 : Use only in well-ventilated areas.

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



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End of document

Perma Gloss Prep

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F : Highly flammable



Xi : Irritant

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

Trade name : Perma Gloss Prep
Identification of the product : Liquid.
Type of product : Organic compounds.
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 : Irritating to eyes.
 May cause sensitization by skin contact.
Dangerous product : Highly flammable. In use, may form flammable/explosive vapour-air mixture.
Primary route of exposure : Vapours inhalation. Skin and eyes contact.
Symptoms relating to use
 - **Inhalation** : Symptoms of overexposure to vapours include : Dizziness. Drowsiness.
 - **Skin contact** : Prolonged or repeated contact may cause skin to become dry or cracked. Redness, pain.
 - **Eye contact** : Redness, pain. Blurred vision. Tears.
 - **Ingestion** : Swallowing of this product presents some health hazard.
 Must not come into contact with food or be consumed.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Preparation : Preparation.
Components : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	Classification
ETHYL METHACRYLATE	: Between 50 and 75 %	97-63-2	202-597-5	607-071-00-2	F; R11 Xi; R36/37/38 R43
ISOPROPYLIDENEDIPHENYL BISOXYHYDROXYPROPYL METHACRYLATE	: Between 35 and 50 %	1565-94-2	216-367-7	-----	Xi; R41

4 FIRST AID MEASURES

First aid measures
 - **Inhalation** : Assure fresh air breathing. If you feel unwell, seek medical advice.

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4 FIRST AID MEASURES (continued)

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

5 FIRE-FIGHTING MEASURES

- Flammable class** : This product is flammable.
- Specific hazards** : May form flammable/explosive vapour-air mixture.
- Hazardous combustion products** : Carbon monoxide. Carbon dioxide.
- Prevention** : No naked lights. No smoking.
- Extinguishing media** : Powder. Sand. Carbon dioxide.
Do not use a heavy water stream.
- 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** : Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary.
- General precautions** : Remove ignition sources.
- Environmental precautions** : Prevent entry to sewers and public waters.
Notify authorities if product enters sewers or public waters.
- Clean up methods** : Clean up any spills as soon as possible, using an absorbent material to collect it.

7 HANDLING AND STORAGE

- General** : 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** : In use, may form flammable vapour-air mixture.
- Technical protective measures** : Proper grounding procedures to avoid static electricity should be followed.
- Storage** : Keep in fireproof place. Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
Keep at temperature not exceeding 22 °C.
- Storage - away from** : Heat sources. Direct sunlight.
- Handling** : Handle empty containers with care because residual vapours are flammable.
Ensure prompt removal from eyes, skin and clothing.
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal protection**
- **Respiratory protection** : Where excessive vapour may result, wear approved mask.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

- Hand protection : Gloves.
- Skin protection : No special protection required where adequate ventilation is maintained.
- Eye protection : Goggles.
- Ingestion : When using, do not eat, drink or smoke.
- Industrial hygiene : Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapour or dust mixtures.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at 20 °C : Liquid.
- Colour : Colourless to light yellow.
- Odour : Characteristic. Acrylic
- Boiling point [°C] : 118
- Vapour pressure mm/Hg : @ 20 deg C. 15
- Solubility in water : Negligible.
- Flash point [°C] : TCC 15.6
- Flammability range [vol% in air] : LEL: 1.8% UEL: Not Established
- Auto-ignition temperature [°C] : 411
- Other data : Specific Gravity (water=1) 1.015

10 STABILITY AND REACTIVITY

- Stability and reactivity : Stable under normal conditions.
- Hazardous decomposition products : Thermal decomposition generates : oxides of carbon, hydrocarbons, fumes and smoke
- Hazardous polymerization : May Occur
- Hazardous properties : May form flammable/explosive vapour-air mixture.
- Materials to avoid : Strong oxidizers.
Strong acids.
- Conditions to avoid : Sparks. Open flame. Overheating. Direct sunlight.

11 TOXICOLOGICAL INFORMATION

- Toxicity information
- Ocular : Irritating to eyes.
- Rat oral LD50 [mg/kg] : Ingredient Data
Ethyl Methacrylate - 14,800mg/kg
- Rat inhalation LC50 [ppm] : Ingredient Data
Ethyl Methacrylate - 8300ppm/4H
- Sensitization : May cause sensitization by skin contact.

12 ECOLOGICAL INFORMATION

- Ecological effects information : No data available.
- LC50-96 Hour - fish [mg/l] : No data available.
- 48 Hour-EC50 - Daphnia magna [mg/l] : No data available.



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12 ECOLOGICAL INFORMATION (continued)

IC50 72h Algae [mg/l] : No data available.

13 DISPOSAL CONSIDERATIONS

General : Dispose of this material and its container at hazardous or special waste collection point.
Dispose in a safe manner in accordance with local/national regulations.

14 TRANSPORT INFORMATION

Proper shipping name : UN1993 FLAMMABLE LIQUID, N.O.S. (Ethyl methacrylate), 3, II
UN No. : 1993
H.I. nr : 33
ADR/RID : Group : II
Special provision : 640D
Class : 3

15 REGULATORY INFORMATION

Symbol(s) : Xi : Irritant
F : Highly flammable

R Phrase(s) : R11 : Highly flammable.
R37/38 : Irritating to respiratory system and skin.
R41 : Risk of serious damage to eyes.
R43 : May cause sensitization by skin contact.

S Phrase(s) : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 : Wear suitable gloves and eye/face protection.

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