

Universal Liquid

NSI-126


F : Highly flammable



Xn : Harmful

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

Trade name : Universal Liquid
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 : Harmful and irritating by inhalation, in contact with skin and eyes and if swallowed.
Primary route of exposure : Vapours inhalation. Skin and eyes contact.
Symptoms relating to use
 - **Inhalation** : Cough. Headache. Dry throat. Breathing difficulties.
 - **Skin contact** : Repeated exposure may cause sensitization due to an allergic reaction of the skin. Prolonged or repeated contact may cause skin to become dry or cracked.
 - **Eye contact** : Redness, pain. Blurred vision. Burning sensation.
 - **Ingestion** : Abdominal pain, nausea.
 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	< 90 %	97-63-2	202-597-5	607-071-00-2	F; R11 Xi; R36/37/38 R43
Triethyleneglycol Dimethacrylate	> 5 < 10 %	109-16-0	203-652-6	----	
Dimethyltolylamine	> 1 < 3 %	99-97-8	202-805-4	612-056-00-9	T; R23/24/25 R33 R52-53
Benzophenone 12	< 1 %	1843-05-6	217-421-2	----	
2-(2-hydroxy-3,5-di(tert)-amylphenyl) benzotriazole	< 0.5 %	25973-55-1	247-384-8	----	
CI 60725 / Violet 2	< 0.1	81-48-1	201-353-5	----	

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4 FIRST AID MEASURES

First aid measures

- **Inhalation** : Assure fresh air breathing. Inhalation of vapour can cause breathing difficulties. Obtain medical attention.
- **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. Do not induce vomiting. Seek medical attention if ill effect develops.

5 FIRE-FIGHTING MEASURES

- Flammable class** : This product is flammable.
- Specific hazards** : May form flammable vapour-air mixture.
- Prevention** : Keep away from sources of ignition. No smoking.
- Extinguishing media** : Dry powder. Water. Carbon dioxide. Foam.
- 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** : Keep public away from danger area. Equip cleanup crew with proper protection. No smoking.
- 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. Use suitable disposal containers. Flush residue with large amounts of water.

7 HANDLING AND STORAGE

- General** : Keep away from sources of ignition - No smoking.
- Precautions in handling and storage** : Good ventilation of the workplace required.
- Technical protective measures** : Use grounded electrical/mechanical equipment.
- Storage** : Keep in fireproof place. Store in tightly closed, properly ventilated containers away from heat, sparks, open flame.
- Handling** : Ensure prompt removal from eyes. 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** : In case of possible repeated skin contact wear protective clothing.
- **Eye protection** : Goggles.
- **Ingestion** : When using, do not eat, drink or smoke.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Industrial hygiene : Provide good ventilation in process area to prevent formation of vapour.
Occupational Exposure Limits : N,N-dimethyl-p-toluidine : TLV© -TWA [ppm] : 2 (Toluidine)

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Liquid.
Colour : Colourless to light yellow.
Odour : Acrylic / Characteristic.
Boiling point [°C] : 118
Vapour pressure mm/Hg : @ 20 deg C 15
Solubility in water : Negligible.
Flash point [°C] : 15.5
Flammability range [vol% in air] : LEL: 1.8% UEL: Not Established
Auto-ignition temperature [°C] : 410
Other data : Specific Gravity (water=1) 0.932

10 STABILITY AND REACTIVITY

Stability and reactivity : Stable under normal conditions.
Hazardous decomposition products : According to process conditions, hazardous decomposition products may be generated.
Hazardous reactions : May release flammable gases.
Hazardous polymerization : May Occur
Hazardous properties : May form flammable/explosive vapour-air mixture.
Materials to avoid : Strong acids.
Strong oxidizers.
Conditions to avoid : Open flame. Sparks. Overheating.

11 TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : Ingredient Data:
Ethyl Methacrylate - 14800
Triethyleneglycol Dimethacrylate - 10837
Rat inhalation LC50 [ppm] : Ingredient Data:
Ethyl Methacrylate - 8300 ppm / 4 hour

12 ECOLOGICAL INFORMATION

Ecological effects information : 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.

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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

Labelling ADR



15 REGULATORY INFORMATION

Symbol(s) : Xn : Harmful
F : Highly flammable

R Phrase(s) : 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 sensitization by skin contact.

S Phrase(s) : S3 : Keep in a cool place.
S9 : Keep container in a well-ventilated 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.
S33 : Take precautionary measures against static discharges.
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

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