

**NAILITE  
SUPERIOR LIQUID**

**SAFETY  
DATA SHEET**

**REVISED EDITION: 1  
DATE: 04/07/2011  
SUPERSEDED: 0/0/0**

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

TRADE NAME: LIQUID MONOMER  
IDENTIFICATION OF PRODUCT: LIQUID  
TYPE OF PRODUCT: ORGANIC COMPOUNDS  
USE: FOR PROFESSIONAL USE ONLY  
COMPANY IDENTIFICATION: NAILITE 4530 N HIATUS ROAD #109 SUNRISE, FL 33351 USA  
EMERGENCY PHONE NUMBER: 352-323-3500

**2. HAZARDS IDENTIFICATION**

RISK PHRASES: HARMFUL AND IRRITATING BY INHALATION, IN CONTACT WITH SKIN AND EYES 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 IN CONTACT WITH FOOD OR BE CONSUMED.

**3. COMPOSITION/INFORMATION OF INGREDIENTS**

| 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 R36/37/38/43 |
| TRIETHYLENEGLYCOL DIMETHACRYLATE                     | >5<10%   | 109-16-0   | 203-652-6 | -----        |                       |
| DIMETHYLTOLYLAMINE                                   | >1<3%    | 99-97-8    | 202-805-4 | 612-056-00-9 | T;R23/24/25/33/52-53  |
| BENZOPHENONE 12                                      | <1%      | 1843-05-6  | 217-421-2 | -----        |                       |
| 2-(2HYDROXY-3;5-DI(TERT)-AMYLPHENYL<br>BENZOTRIAZOLE | <0.5%    | 25973-55-1 | 247-384-8 | -----        |                       |
| CI 60725/VIOLET 2                                    | <0.1     | 81-48-1    | 201-353-5 | -----        |                       |

**4. FIRST AID MEASURES**

INHALATION: ASSURE FRESH AIR BREATHING. INHALATION OF VAPOR CAN CAUSE BREATHING DIFFICULTIES. OBTAIN MEDICAL ATTENTION.  
SKIN CONTACT: REMOVE AFFECTED CLOTHING AND WASH ALL EXPOSED SKIN AREA WITH MILD SOAK 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 DEVELOP.

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**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 METHOD: 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 AREAS. 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  
ABSORBANT 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**

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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**9 PHYSICAL AND CHEMICAL PROPERTIES**

|                                   |                                  |
|-----------------------------------|----------------------------------|
| PHYSICAL STATE AT 20°C:           | LIQUID                           |
| COLOR:                            | COLORLESS TO LIGHT YELLOW        |
| ODOR:                             | ACRYLIC/CHARACTERISTIC           |
| BOILING POINT [°C]:               | 118                              |
| VAPOR 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 VAPOR-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<br>TRIETHYLENEGLYCOL DIMETHACRYLATE – 10837 |
| RAT INHALATION LC50 [ppm]: | INGREDIENT DATA: ETHYL METHACRYLATE – 8300 ppm/4 HOUR                                   |

**12 ECOLOGICAL INFORMATION**

ECOLOGICAL EFFECTS INFORMATION: NO DATA AVAILABLE.

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**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: UN 1993 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**

SYMBOLS: 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 CONTAINER IN A WELL VENTILATED PLACE  
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 A WELL-VENTILATED AREA  
S59: REFER TO MANUFACTURER/SUPPLIER FOR INFORMATION ON RECOVERY/RECYCLING

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