

1. Product and Company Identification

Product Name: Buff Monomer

Supplier: Vu Nail Systems a division of RJ Vu Ltd
1074 London Road, Leigh on Sea
Essex. SS9 3NA

Emergency Telephone Number: +44 1702 831091

2. Hazards Identification

Classification of the substance or mixture
Classification according to regulation (EC) 1272/2008:

Classification under CHIP: F: R11; Xi: R36/37/38; Sens.: R43
Classification under CLP: STOT SE 3: H335; Eye Irrit. 2: H319; Flam. Liquid. 2: H225;
Skin Irrit. 2: H315; Skin Sens. 1 : H317
Most important adverse effects : Highly flammable. Irritating to eyes, respiratory system and skin.
May cause sensitization by skin contact.

2.2. Label elements
Label according to Regulation
(EC) 1272/2008:

The product is labeled accordingly

Signal words:
Hazard pictograms:

Danger
GHS02: Flam
GHS07: Exclamation Mark



Hazard Statements:

H225:P Highly flammable liquid and vapor
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H335: May cause respirator irritation

Precautionary statements:

P102: Keep out of reach of children
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303 + P353 + P361 IF ON SKIN (or hair) Remove immediately all contaminated clothing. Rinse skin with.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present & easy to do, continue rinsing
P321: Specific treatment (see on this label)
P370+378: In case of fire: Use alcohol-resistant foam for extinction.

2.3. Other hazards

PBT: This products is not identified as a PBT substance

3. Composition / information on ingredients**3.1 Chemical characterization****Hazardous Ingredients:**

Ingredients	CAS Number	Concentration Range
Ethyl Methacrylate	97-63-2	70%-90%
Hydroxypropyl methacrylate	27813-02	10%-25%
Trioxaindecamethylendimethacrylate	109-17-1	1%-10%
Dimethyltolylamine	29256-93-7	<1%

4. First Aid Measures**4.1. Description of first aid measures****Skin contact:**

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact:

Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion:

Wash out mouth with water. Consult a doctor.

Inhalation:

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

4.2 Most important symptoms and effects, both acute and delayed**Skin contact:**

An itchy rash may occur at the site of contact.

Eye contact:

There may be irritation and pain. The vision may become blurred.

Ingestion:

The casualty may appear intoxicated.

Inhalation:

There may be irritation of the throat with a feeling of tightness in the chest.

5. Fire Fighting Measures**5.1 Extinguishing media:**

Alcohol resistant foam. Dry chemical powder.

Special hazards arising from the substance or mixture**Exposure hazards:**

Highly flammable. Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide/carbon monoxide.

Advice for fire-fighters:

As in any fire, wear self-contained positive-pressure breathing apparatus and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

6. Accidental Release Measures**6.1. Step to be taken in case material is released or spilled**

Remove all sources of ignition and ventilate area. Wear appropriate safety equipment as listed in Section 8. Absorb on inert material, then place in a chemical waste container. After removal, flush contaminated area with water and collect for disposal. Clean up spills immediately. Obey relevant local, state, and federal law regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil. Dispose and report per regulatory requirements if necessary. Please prevent washings from entering waterways.

7. Handling and Storage

7.1. Precautions for safe handling

Handling requirements:

Keep away from heat. Keep away from sparks, flames and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Store in well-ventilated area. Use explosion-proof equipment. Wash thoroughly after handling. Follow all MSDS/label precautions even after the container is emptied because it may retain product residues. Wash thoroughly after handling.

Other Precautions:

Avoid ignition sources or excessive temperatures. Heat can induce polymerization with rapid release of energy. Closed containers may rupture explosively. Spontaneous polymerization may occur with prolonged aging.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in cool, well ventilated, dry area. Keep container tightly closed. Maintain air space inside storage containers.

8. Exposure Controls / Personal Protection

Control parameters**Workplace exposure limits:**

Not applicable.

8.2. Exposure controls

Engineering measures:

Use process enclosures, local exhaust ventilation or other engineering controls to control airborne exposure. Use explosion-proof ventilation equipment.

Respiratory protection:

Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapour/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

Ventilation:

Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section 8.

Hand protection:

Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Protective clothing.

Hygienic practices:

Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

9. Physical and Chemical Properties**Information on basic physical and chemical properties**

Form:	Liquid
Colour:	Colourless
Odour:	Unpleasant
Boiling Point:	>100
Octanol/Water Partitioning Coefficient:	N/A
Viscosity:	Non-viscous
Vapour Pressure:	21,3 mbar
Relative Density:	0.95 g/ml
Flash Point:	15 °C
Flammable Limits% lower:	2
pH:	N/A
VOC g/l:	665
Autoflammability °C:	393
Melting point/range °C:	-75
Upper:	100

10. Stability and Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
Chemical stability:	Stable under normal conditions
Hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to avoid:	Direct sunlight. Heat. Hot surfaces. Source of ignition. Flames. Light
Incompatible materials Materials to avoid:	Strong oxidizing agents. Strong acids.
Hazardous decomposition products Haz. decomp. products:	In combustion emits toxic fumes of carbon dioxide / carbon monoxide

11. Toxicological Information**11.1. Information on toxicological effects**

Relevant effects for mixture: No data

12. Ecological Information

Any reject of this product in the sewer or stream must be avoided.

13. Disposal Considerations

Incinerate in a furnace where permitted under national and local regulations.

14. Transport Information**14.1 UN Number**

UN number: UN1993

14.2: UN proper shipping name

Shipping name: Flammable liquid, N.O.S. (ethylmethacrylate)

14.3 Transport hazard class(es)

Transport Class: 3

14.4: Packing group

Packing group: III

14.5 Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6 Special precautions for user

Tunnel code: D/E

Transport category: 2

15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

N/A

16. Other Information**DISCLAIMER**

While Vu Nail Systems believes that the data contained herein are accurate and derived from qualified sources, the dates are not to be taken as a warranty or representation for which Vu Nail Systems assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of this data information must be determined by the user to be in accordance with applicable Federal, State and local laws regulations.

Vu Nail Systems requires all Customers who receive this Security Data Record to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customer.

