

## 1. Product and Company Identification

**Product Name:** Platinum Liquid 2.0  
**Article Code:** A4012-A4013  
**Manufacturer:** CNC International BV  
 Burgemeesterlaan 2  
 6002 EG Weert – The Netherlands  
**Emergency Telephone Numbers:** +31 495 547409

## 2. Hazards Identification

### 2.1. Classification of the substance or mixture

**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 elements under CLP:**  
**Hazard statements:** H225: Highly flammable liquid and vapour.  
 H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H319: Causes serious eye irritation.  
 H335: May cause respiratory irritation.  
**Signal words:** Danger  
**Hazard Pictograms:** GHS02: Flam  
 GHS07: Exclamation Mark



**Precautionary statements:** P102: Keep out of reach of children  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P303+361+353: IF ON SKIN (or hair); Remove immediately all contaminated clothing. Rinse skin with.  
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P321: Specific treatment (see on this label)  
 P370+378: In case of fire: Use alcohol-resistant foam for extinction.

**Label under CHIP:**  
**Hazard symbols:** Highly flammable

Irritant



### Risk phrases:

R11: highly flammable

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitization by skin contact.

### Safety phrases:

S2: Keep out of the reach of children.

S24: Avoid contact with skin

S37: Wear suitable gloves

S46: If swallowed, seek medical advice immediately and show this container or label.

### Precautionary phrases:

Restricted to professional users.

### 2.3 Other hazards

#### PBT:

This product is not identified as a PBT substance

## 3. Composition / Information on Ingredients

### 3.2 Mixtures

#### Hazardous Ingredients:

##### Ethyl Methacrylate

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-597-5	97-63-2	F: R11; Xi: R36/37/38; Sens.: R43	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	70-90%

##### 2-hydroxyethyl methacrylate

EINECS	CAS	CHIP Classification	CLP Classification	Percent
212-782-2	868-77-9	Xi: R36/38; Sens.: R43	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317	10-20%

##### Trioxaundecamethylendimethacrylate

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-653-1	109-17-1	Xi: R36/38, Sens.: R43	Eye Irrit. 2: H319; STOT SE3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	1-10%

##### N,N-dimethyltoluidine

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	29256-93-7	T: R23/24/25; Xn: R33; -: R52/53	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412	<1%

## 4. First Aid Measures

### 4.1. Description of first aid measures

<b>Skin contact:</b>	Immediately flush skin with plenty of water.
<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induced vomiting. Have victim drink 8-10 ounces of water to dilute material in stomach. Get medical attention immediately. Never give anything by mouth to an unconscious person.
<b>Eye Contact:</b>	In case of contact, Immediately wash the eyes with plenty of water for at least 15 min. holding the eye open. Obtain medical attention urgently.

**4.2 Most important symptoms and effects, both acute and delayed**

<b>Skin contact:</b>	An itchy rash may occur at the site of contact.
<b>Eye contact:</b>	There may be irritation and pain. The vision may become blurred.
<b>Ingestion:</b>	The casualty may appear intoxicated.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.

## 5. Fire Fighting Measures

**5.1. Extinguishing media**

<b>Extinguishing media:</b>	Alcohol resistant foam. Dry chemical powder.
-----------------------------	--

**5.2. Special hazards arising from the substance or mixture**

<b>Exposure hazards:</b>	Highly flammable. Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide/carbon monoxide.
--------------------------	--

**5.3. Advice for fire-fighters**

<b>Advice for fire-fighters:</b>	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**

<b>Handling requirements:</b>	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
-------------------------------	--

Initial date: 01-04-2015

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

### 8.1. 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:

Splash-proof chemical goggles should be worn

#### Skin protection:

Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.

#### 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

### 9.1. 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

#### 10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

Chemical stability: Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

#### 10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Sources of ignition. Flames. Light.

#### 10.5. Incompatible materials

Materials to avoid: Strong acids. Oxidizing agents.

#### 10.6. 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

Ethyl Methacrylate

IPR	RAT	LD50	1223	Mg/kg
ORL	MUS	LD50	7836	Mg/kg
ORL	RAT	LD50	14800	Mg/kg

2-Hydroxyethyl Methacrylate

IPR	RAT	LD50	1250	Mg/kg
ORL	MUS	LD50	3275	Mg/kg

ORL	RAT	LD50	5050	Mg/kg
-----	-----	------	------	-------

## 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.

### 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. Other Information

### DISCLAIMER

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

CNC International BV 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 Customers.