

## 1. PRODUCT AND COMPANY IDENTIFICATION

|                |   |
|----------------|---|
| Product Name   | : TOA-100 WATER REPELLENT GLOSS   |
| Product Use    | : Clear liquid solution of acrylic polymer (solvent-based).   |
| Company Name   | : TOA PAINT (THAILAND) PUBLIC COMPANY LIMITED   |
| Address        | : 104 Moo 1, Soi Pukmit, Thang Roadfai Sai Kao Road, Samrong Tai, Phrapradaeng, Samutprakan 10130, Thailand |
| Telephone No.  | : +66 2380 6544-6   |
| Fax No.        | : +66 2384 0763   |
| Emergency Call | : +662 335 5999   |

## 2. HAZARDS IDENTIFICATION

### [ GHS Classification ]

|                             |   | Hazard Category   |
|-----------------------------|---|-------------------|
| Physical Hazard             | : Flammable liquid and vapour   | Category 3        |
| Health Hazard               | : Acute toxicity ( Oral / LD50 )  | Category 5        |
|                             | : Acute toxicity ( Dermal / LD50 )                                      | Not Classified    |
|                             | : Acute toxicity ( Inhalation : vapours )                               | Category 4        |
|                             | : Skin corrosion / Irritation   | No data available |
|                             | : Serious eyes damage / Eyes irritation                                 | Category 2A       |
|                             | : Respiratory and skin sensitization                                    | Category 1A       |
|                             | : Germ cell mutagenicity  | No data available |
|                             | : Carcinogenicity   | No data available |
|                             | : Reproductive toxicity   | No data available |
|                             | : Specific target organ systemic toxicity-Single exposure (Respiratory) | Category 3        |
|                             | : Specific target organ systemic toxicity-Repeated exposure             | Category 2        |
|                             | : Aspiration Hazard (Airways)   | Category 1        |
|                             | : Acute aquatic toxicity  | Category 3        |
| : Chronic aquatic toxicity  | No data available   |                   |
| : Hazard to the ozone layer | No data available   |                   |

### Pictograms



### Signal word

Danger

**Hazard statements**

1. Flammable liquid and vapour.
2. May be harmful if swallowed.
3. Harmful if inhaled.
4. Causes serious eye irritation.
5. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
6. May cause respiratory irritation or drowsiness or dizziness.
7. May cause damage to organs through prolonged or repeated exposure.
8. May be fatal if swallowed and enters airways.
9. Harmful to aquatic life.

**Precautionary Statements**

1. Read label before use. DO NOT handle until all safety precautions have been read and understood.
2. Wear protective gloves / eye protection / face protection. Wear respiratory protection.
3. Use product only on objects. DO NOT use with human and animal.
4. DO NOT eat this product. Keep this product away from food, drink and animal feeding stuffs. IF SWALLOWED: DO NOT induce vomiting and seek medical advice immediately.
5. DO NOT eat, drink or smoke when using this product.
6. DO NOT breathing vapors or spray mist. IF INHALATION: Remove to adequate ventilation place and support breathing as needed. In case of faint, must recuperate the patient and seek medical advice immediately.
7. Avoid direct contact. Wash the exposed thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water.
8. IF IN EYES: Flush with plenty of water for at least 15-20 minutes and seek medical advice immediately.
9. If you feel unwell. : Call a POISON CENTER or doctor/physician.
10. Use and store this product in dry and a well-ventilated place.
11. Product may cause electrostatic force, always use ground connection and antistatic protective clothes when pouring this product out of container.
12. Keep this product in provided container only.
13. Keep container tightly closed. Keep out of reach of children.
14. Keep away from heat/sparks/open flames/hot surfaces/direct sunlight. In case of fire: Use foam, dry chemical, water spray for extinction. DO NOT use water in a jet.
15. Keep product away from oxidizing agents, acidic and alkaline substances.
16. Move product with careful, always carry with the top cover stand upright.
17. In case of leakage, use nonflammable absorbent such as dried sand or soil and clean surface with powdered detergent. DO NOT use thinner or solvent.
18. Avoid release paint or used container to water drain or natural water resource.
19. Used container dispose as chemical contaminate waste according to local regulation or standard regulation.



### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| No. | Component / Chemical Name       | CAS Number | EC Number | %       |
|-----|---------------------------------|------------|-----------|---------|
| 1   | Xylene                          | 1330-20-7  | 215-535-7 | 40 - 50 |
| 2   | Acrylate/Methacrylate Copolymer | -          | -         | secret  |

### 4. FIRST AID MEASURES

#### After Eye Contact

: If material is splashed into eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. Immediately transport to hospital or doctor.

#### After Skin Contact

: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

#### After Ingestion

: DO NOT induce vomiting. If patient is conscious, give a glass of water to drink. Immediately transport to hospital or doctor.

#### After Inhalation

: Remove victim to fresh air. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult.

### 5. FIRE - FIGHTING MEASURES

#### Extinguishing Media

: Use dry chemical, carbon dioxide or foam. Do not use water in jet.

#### Fire fighting instructions

: Firefighters should wear self-contained breathing apparatus and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

: Keep away sources of ignition. Use personal protective equipment.

#### Environmental precautions

: Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

#### Methods for cleaning and taking up

: Take up with absorbent material (eg. sand, universal binder)  
Dispose of absorbed material in accordance with the regulations.

## 7. HANDLING AND STORAGE

|                                  |  |
|----------------------------------|--|
| Handling and Storage Precautions | : Store in a cool dry area. Protect from frost. Keep container tightly closed.<br>Keep away from sources of ignition – no smoking. |
| Work/Hygienic Practices          | : Wash thoroughly with soap and water after handling.  |

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

|                        |   |
|------------------------|---|
| Engineering controls   | : Flammable liquid. Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes which may require local exhaust ventilation systems. |
| Reaction product       | : Xylene TLV-TWA 80 ppm (350 mg/m <sup>3</sup> )<br>TLV-STEL 150 ppm (655 mg/m <sup>3</sup> )   |
| Eye/Face Protection    | : Safety glasses with side-shields, chemical goggles or faceshield to protect eyes.   |
| Skin Protection        | : Avoid skin contact. Wear long sleeve shirt, long pants, chemical resistant gloves.  |
| Respiratory protection | : If entering spaces where the airborne concentration of a contaminant is unknown a self-contained breathing apparatus (SCBA).  |

## 9. PHYSICAL & CHEMICAL PROPERTIES

|                          |   |
|--------------------------|---|
| Appearance               | : Clear , colourless low viscous liquid |
| Odor                     | : Hydrocarbon                           |
| Physical State           | : Liquid                                |
| Melting Point            | : No data available                     |
| Boiling Point            | : ≈ 138 – 143°C                         |
| Flash Point              | : ≈ 24°C                                |
| Specific gravity at 25°C | : 0.90 g/cm <sup>3</sup>                |
| Viscosity at 25°C        | : 50.00 KU                              |
| Vapour Pressure          | : ≈ 7.5 mmHg @20°C (Xylene)             |
| Solubility               | : Immiscible with water                 |

## 10. STABILITY AND REACTIVITY

|                                  |  |
|----------------------------------|--|
| Stability                        | : Stable under normal conditions of use.               |
| Conditions to Avoid              | : Avoid heat, sparks, and other ignition sources.      |
| Incompatible Materials           | : Strong oxidizing agents.                             |
| Hazardous Decomposition Products | : Emits oxides of carbon when heated to decomposition. |

**11. TOXICOLOGICAL INFORMATION****Classification according the GHS**

|   |   |
|---|---|
| Oral : Rat (LD50) (mg/kg) or ATE                      | : ATE = 3,523 mg/kg   |
| Dermal : Rabbit (LD50) (mg/kg) or ATE                 | : ATE = 43,000 mg/kg  |
| Inhalation : Rat (LC50) (mg/L) or ATE                 | : ATE = 6,350 ppm/ 4 hr   |
| Ingestion   | : Symptoms and signs may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.  |
| Skin contact  | : Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. |
| Inhalation  | : May include cough, sneezing, nasal discharge, headache, hoarseness and throat pain.   |
| Skin corrosion/irritation                             | : No data available   |
| Serious eye damage/eye irritation                     | : Causes serious eye irritation.  |
| Respiratory or skin sensitization                     | : May cause allergy or asthma symptoms or breathing difficulties if inhaled.  |
| Germ cell mutagenicity                                | : Not Classified  |
| Carcinogenicity                                       | : Not Classified  |
| Reproductive toxicity                                 | : Not Classified  |
| Specific target organ toxicity<br>- single exposure   | : May cause damage to organs through prolonged.   |
| Specific target organ toxicity<br>- repeated exposure | : May cause damage to organs through prolonged or repeated exposure.  |
| Aspiration hazard                                     | : May be fatal if swallowed and enters airways.   |

**12. ECOLOGICAL INFORMATION**

|                                      |                            |
|--------------------------------------|----------------------------|
| Hazardous to the aquatic environment | : Harmful to aquatic life. |
| Hazardous to the ozone layer         | : No data available        |

**13. DISPOSAL CONSIDERATIONS**

|                    |   |
|--------------------|---|
| Method of disposal | : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers. |
|--------------------|---|

Material and/or container must be disposed of as hazardous waste European waste catalogue (EWC)  
08 01 11 Waste paint and varnish containing organic solvents or other dangerous substances  
08 01 17 Wastes from paint or varnish removal containing organic solvents or other dangerous substances

**14. TRANSPORT INFORMATION**

Proper Shipping : Paint  
Name Class : 3  
UN. Number : 1263  
Packing Group : III  
Label



Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.

ADR/RID : Viscous substance. Not restricted, ref. chapter 2.2.3.1.5  
(applicable to receptacles < 450 litre capacity)

IMDG : Viscous substance. Transport in accordance with paragraph 2.3.2.5  
(applicable to receptacles <30 litre capacity)

**15. REGULATORY INFORMATION**

Thai regulation : HAZARDOUS SUBSTANCE ACT, B.E. 2535 (1992)  
: Notification of Ministry of Industry Subject : Hazard Classification and 2555 (2012)  
Communication System of Hazardous Substances B.E.

**16. OTHER INFORMATION**

: The information in this SDS is based on the present state of our knowledge and on current laws.  
The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions.  
It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation.  
The information in this SDS is meant to be a description of the safety requirements for our product.  
It is not to be considered a guarantee of the product's properties.