



MATERIAL SAFETY DATA SHEET

Revised 3

Date 04/2017 replaces 04/2014

TOA AS PRIMER WATER BASE

1. Identification of the substance or mixture and of the supplier

Product name and/or code : TOA AS PRIMER WATER BASE

Product use : Primer for Exterior and Interior

Supplier/Manufacturer : TOA PAINT (THAILAND) PUBLIC COMPANY LIMITED
31/2 Moo 3, Bangna-Trad Road , Bangsaothong,
Bangsaothong, Samutprakan 10570 ,Thailand
Tel : +66 2335 5555
Fax : +66 2312 8927

Emergency telephone number : +66 2335 5999

2. Hazards identification

Emergency Overview Irritant.

Applies to all Ingredients

Potential Health Effects

Eye Contact May cause irritation.

Skin Contact May cause irritation.

Inhalation Prolonged or excessive inhalation may cause respiratory tract irritation.

Ingestion May be harmful if swallowed. May cause vomiting.



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3. Composition/information on ingredients

Chemical name	CAS no.	EC Number	%	Classification
Titanium Dioxide	13463-67-7	-	3-4	-
Talc	14807-96-6	-	5-6	-
Calcium Carbonate	471-34-1	-	20-24	-
Acrylic polymer	Not Hazardous	-	40-41	-
Propylene Glycol	57-55-6	-	1-2	-
Water	7732-18-5	-	22-24	-

4. First aid measures.

General : In all cases of doubt, or when symptoms persist, seek medical attention.
 Never give anything by mouth to an unconscious person.

Eye Contact : Immediately flush eyes with plenty of water for 15-20 minutes.
 Get medical attention

Skin Contact : Wash affected area thoroughly with soap and water.

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration
 or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion : If swallowed, do not induce vomiting. Get medical attention immediately.

5. Fire-fighting measures

Flash Point : No Data

Extinguishing Media : Use alcohol foam, carbon dioxide, dry chemical, or water fog
 or spray when fighting fires involving this material.

Protective Equipment : As in any fire, wear self-contained breathing apparatus
 pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



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6. Accidental release measures

- Personal Precautions : Use proper personal protective equipment as listed in section 8.
- Spill Cleanup Measures : Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation.
- : Clean up spills immediately observing precautions in the protective equipment section.
- Environmental Precautions : Avoid runoff into storm sewers, ditches, and waterways.

7. Handling and storage

- Handling : Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
- Storage : Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances.
- : Keep container tightly closed when not in use.
- Hygiene Practices : Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

8. Exposure controls/personal protection

- Engineering measures : Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below
- : Recommended exposure limits. Good general ventilation should be sufficient to control airborne levels.



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Personal protective equipment

Skin Protection	: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Hand Protection	: Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
Eye/Face Protection	: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Respiratory Protection	: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is
Other Protective	: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. Physical and chemical properties

Physical state	: Liquid.
Colour	: White, Grey, Black
pH	: 8.5 – 10.0
Flash point	: No Data
Density	: 1.20-1.30 g/cm ³
Vapor Density	: Greater than 1 (Air = 1)
Molecular Formula	: Mixture
Molecular Weight	: Mixture



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10. Stability and reactivity

Chemical Stability	Stable under normal temperatures and pressures.
Conditions to Avoid	Heat, flames, incompatible materials, and freezing or temperatures below 0 deg. C.
Incompatibilities with Other Materials	Oxidizing agents. Strong acids and alkalis.
Hazardous Polymerization	Not reported.
Hazardous Decomposition Products	Incomplete combustion may produce carbon monoxide and other toxic gases.

11. Toxicological information

General	There is no data available on the product.
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12. Ecological information

Ecotoxicity	No data available
Environmental Fate	No data available

13. Disposal considerations

Waste Disposal	Dispose of in accordance with all applicable regulations ensuring no contamination of surrounding environment.
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14. Transport information

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road(ADR) and by Rail(RID) , of International Maritime Dangerous Goods Code(IMDG),and of the International Air Transport Association(IATA) regulations.

